SERVICE MANUAL

PARTS LIST

MODEL GXC-750D

AKAI

ALSO APPLICABLE TO BLACK MODEL

AKAI STEREO CASSETTE DECK

MODEL GXC-750D

ALSO APPLICABLE TO BLACK MODEL

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SECTION 1

SERVICE MANUAL

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For basic adjustments, measuring methods, and operating principles, refer to GENERAL OPERATING PRINCIPLES AND ADJUSTMENTS.

I. TECHNICAL DATA

TRACK SYSTEM	4 Track, 2 channel stereo system
TAPE	Philips type cassette tape
TAPE SPEED	1-7/8 ips
WOW & FLUTTER	Less than 0.06% WRMS. 0.17% (DIN 45500)
FREQUENCY RESPONSE	35 to 15,000 Hz ±3 dB at LN position 35 to 15,000 Hz ±3 dB at LH position 35 to 16,000 Hz ±3 dB at CrO_2 position 35 to 18,000 Hz ±3 dB at FeCr position
DISTORTION	Less than 1.0% at LN position Less than 1.0% at LH position Less than 1.5% at CrO_2 position Less than 1.5% at FeCr position
SIGNAL TO NOISE RATIO	Better than 56 dB at CrO_2 position (DIN 45500) Dolby NR switch ON: Improves up to 10 dB above 5 kHz
ERASE RATIO	Better than 70 dB
BIAS FREQUENCY	100 kHz
HEADS	3 head system (one GX recording/playback head and one erase head)
MOTORS	3 motor system (one DC FG servo motor for capstan drive and two DC motors for reel drive)
F.F. & REWIND TIME	60 sec. using a C-60 Tape
OUTPUT JACKS	Line (2): 410 mV (0 VU) Required load impedance: more than 47 kohms Phone (1): 100 mV/8 ohms
INPUT JACKS	Microphone (2): 0.25 mV (input impedance 2.4 kohms) Required microphone impedance: 600 ohms Line (2): 70 mV (input impedance 100 kohms)
SEMICONDUCTORS	Transistors: 75, Diodes: 124, FETs: 4, ICs: 18
POWER REQUIREMENTS	120V/60 Hz for U.S.A. & Canada 240V/50 Hz for Australia, 100V, 50/60 Hz for Japan 110–120V/220–240V, 50/60 Hz for other countries
DIMENSIONS	440(W) x 318 x 157(D) mm (17.3 x 12.5 x 6.2) inches
WEIGHT	9.5 kg (21.0 lbs)

NOTE: Standard reference tapes

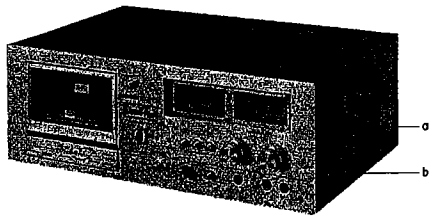
LN position:	AKAI C-60LN, FUJI FL C-60
LH position:	MAXELL UD C-60
CrO_2 position:	TDK SA C-60
FeCr position:	SONY Duad C-60

* For improvement purposes, specifications and design are subject to change without notice.
* "Dolby" and the Double D symbol are trademarks of Dolby Laboratories. (Manufactured under license from Dolby Laboratories.)

II. DISMANTLING OF UNIT

In case of trouble, etc. necessitating disassembly, please disassemble in the order shown in photographs.
Reassemble in reverse order.

1



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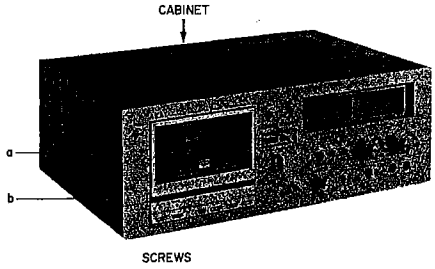

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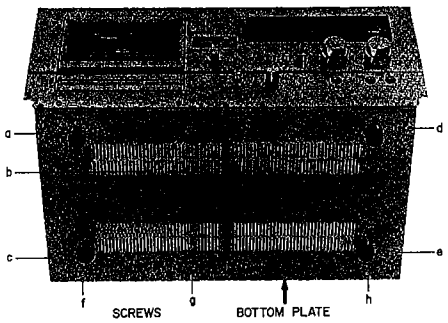

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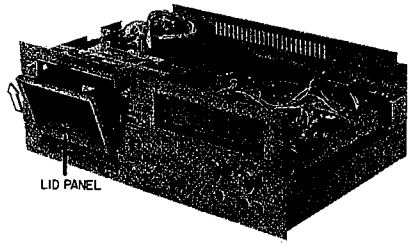

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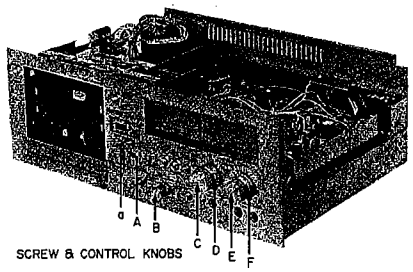

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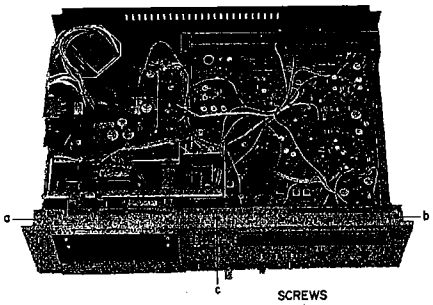

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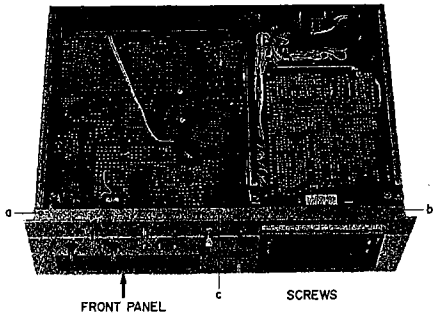

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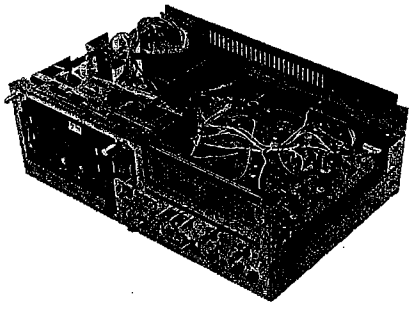
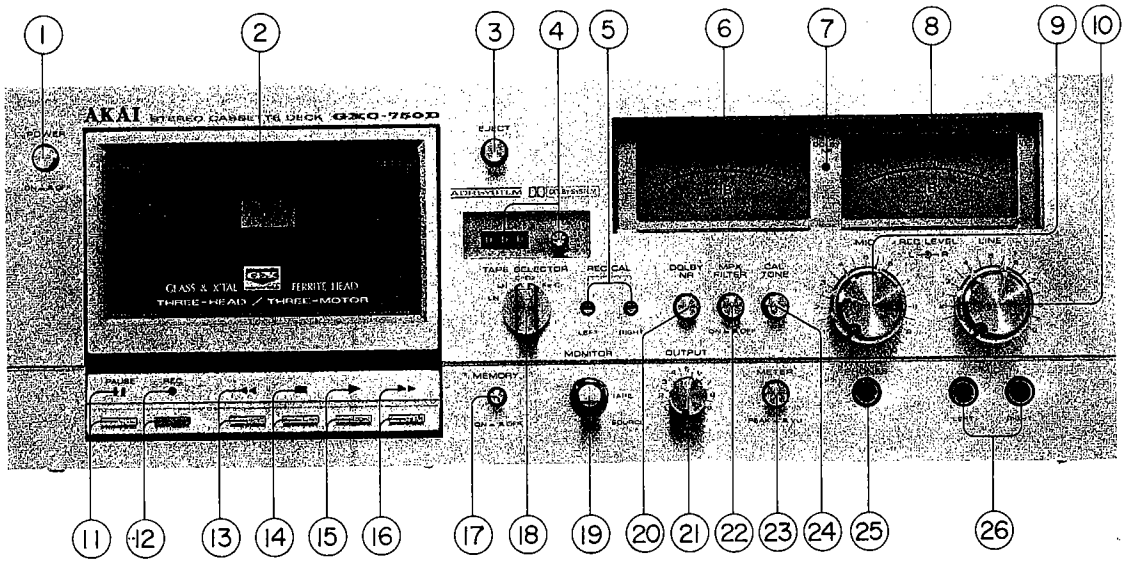


III. CONTROLS



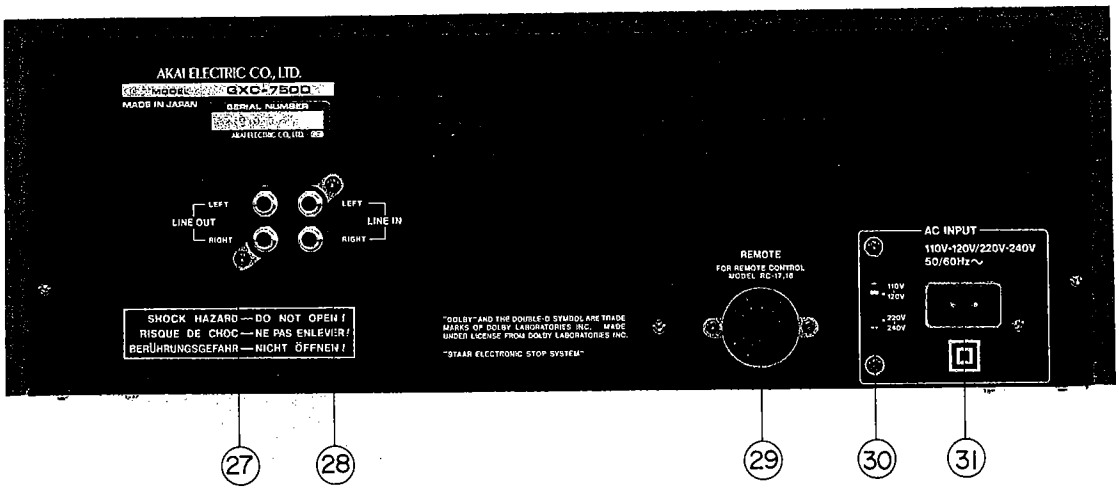


Fig. 1 Controls

1. POWER SWITCH
2. CASSETTE RECEPTACLE
3. EJECT BUTTON
4. INDEX COUNTER AND RESET BUTTON
5. REC CAL ADJUSTERS (left and right)
6. LEFT VU/PEAK LEVEL METER
7. DOLBY INDICATOR LAMP
8. RIGHT VU/PEAK LEVEL METER
9. MICROPHONE RECORDING LEVEL CONTROLS (left and right)
10. LINE RECORDING LEVEL CONTROLS (left and right)
11. PAUSE BUTTON AND INDICATOR LAMP
12. RECORDING BUTTON AND INDICATOR LAMP
13. REWIND BUTTON AND INDICATOR LAMP
14. STOP BUTTON
15. PLAY BUTTON AND INDICATOR LAMP
16. FAST FORWARD BUTTON AND INDICATOR LAMP
17. MEMORY REWIND BUTTON
18. TAPE SELECTOR
19. TAPE MONITOR SWITCH
20. DOLBY N.R. SWITCH
21. OUTPUT LEVEL CONTROL
22. MPX FILTER SWITCH
23. METER SWITCH
24. CAL TONE SWITCH
25. HEADPHONE JACK
26. MICROPHONE JACKS (left and right)
27. LINE OUTPUT JACKS (left and right)
28. LINE INPUT JACKS (left and right)
29. REMOTE CONTROL JACK
30. VOLTAGE SELECTOR SWITCH
31. AC INLET

IV. PRINCIPAL PARTS LOCATION

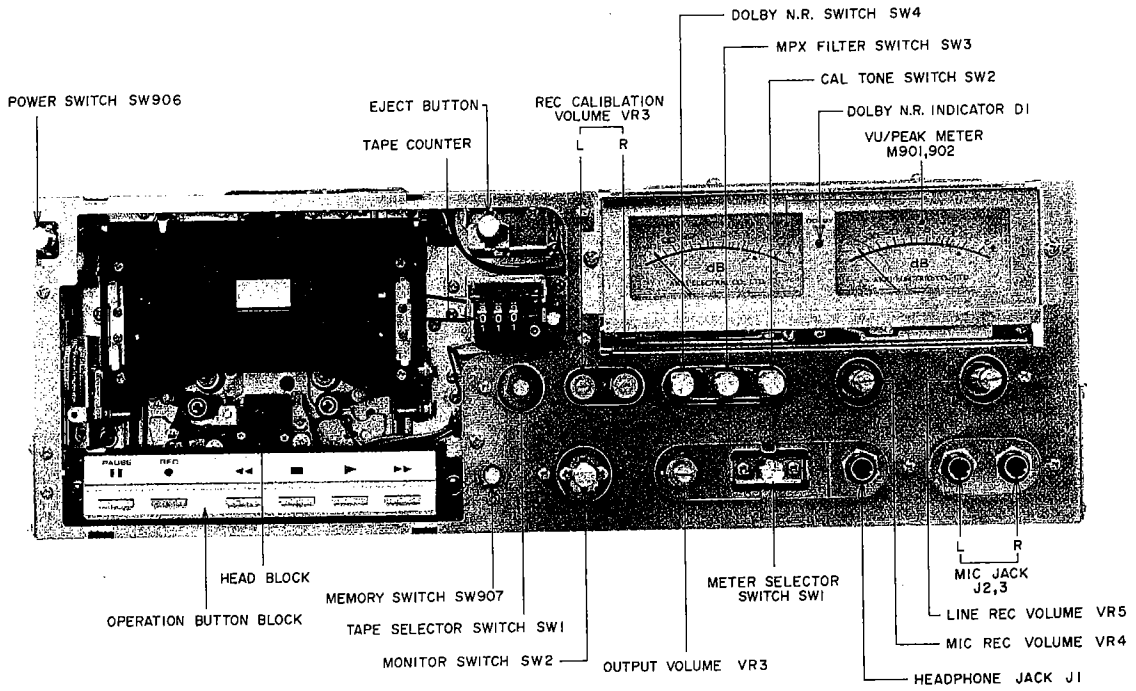


Fig. 2 Front View

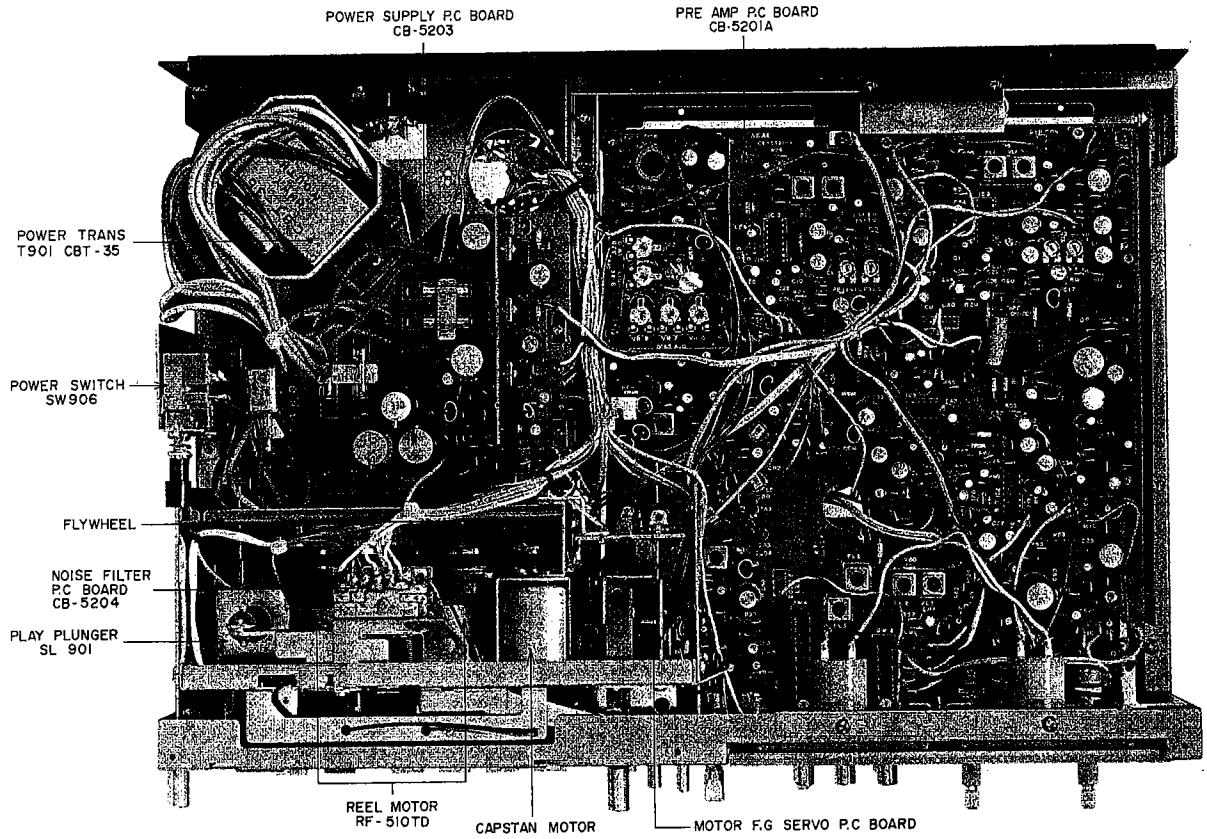
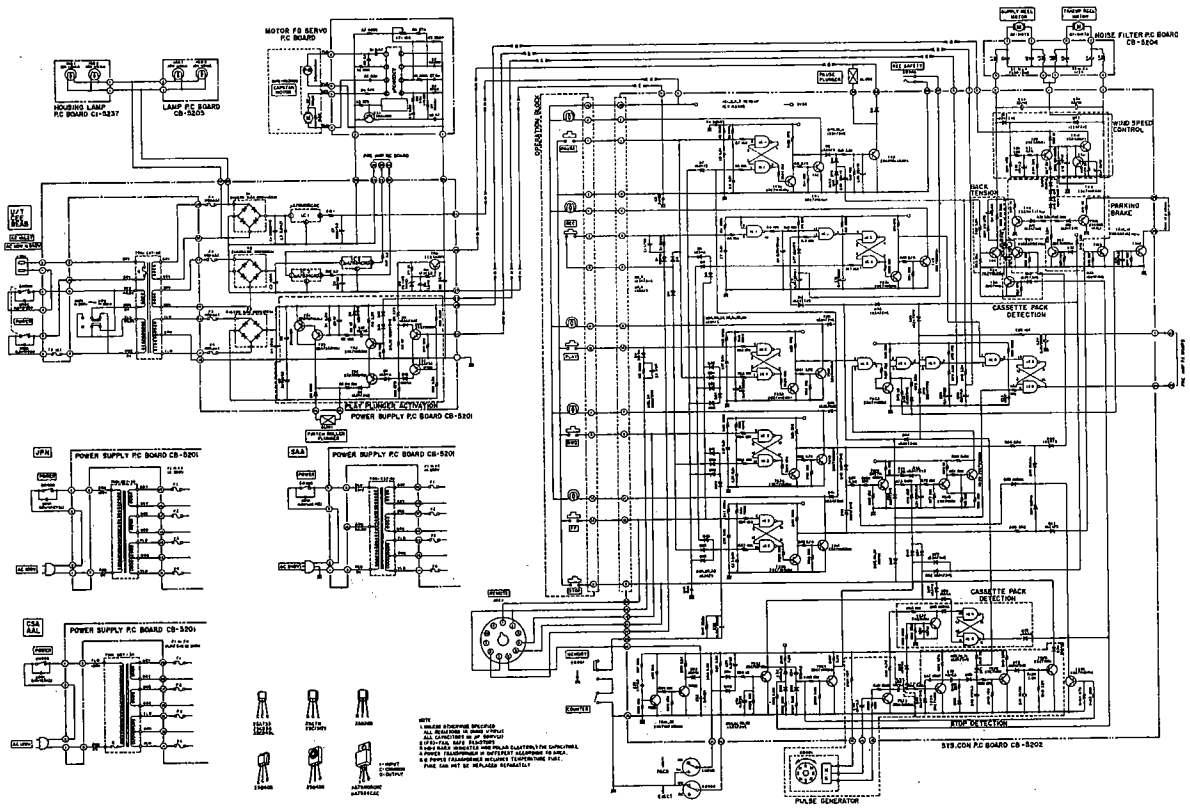


Fig. 3 Top View

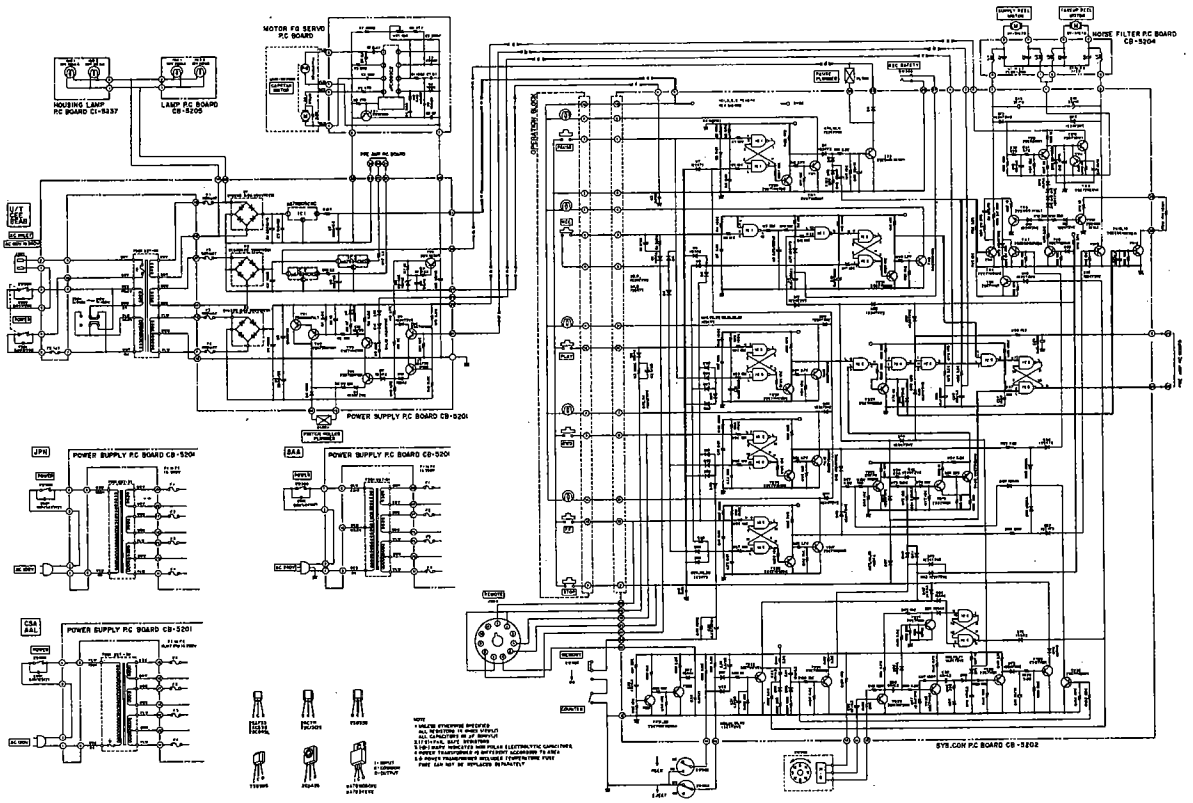
V. SYSTEM CONTROL OPERATING PRINCIPLES

	SYMBOL	TRUTH TABLE		
NAND CIRCUIT	A, B → X $X = \overline{A \cdot B}$	A	B	X
		0	0	1
		1	0	1
		0	1	1
		1	1	0

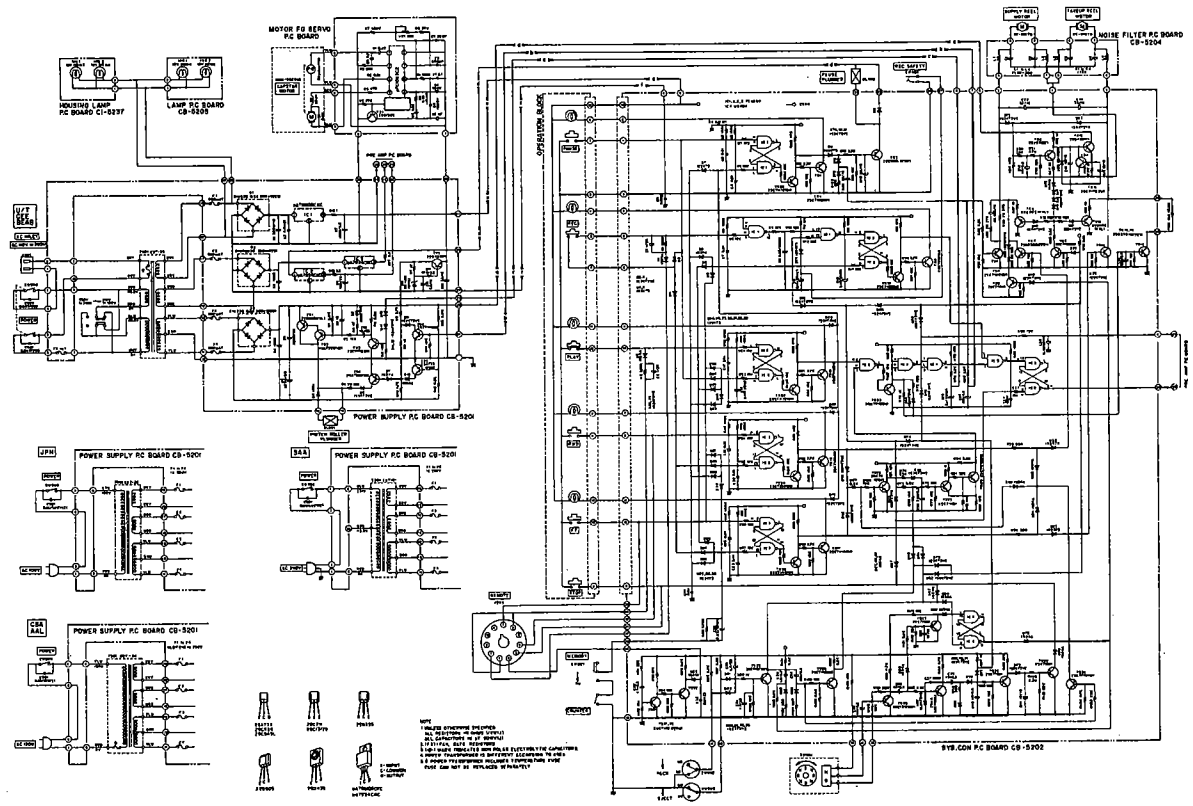
Chart-1



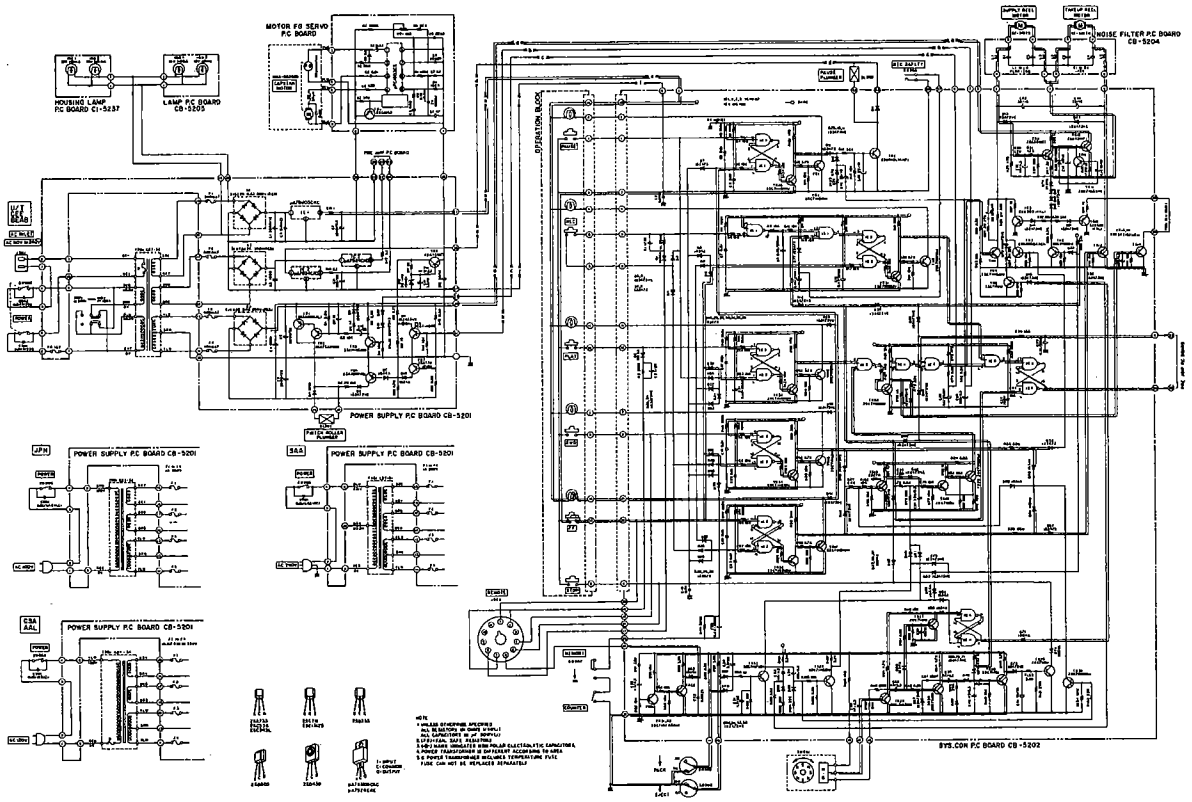
Schematic-1



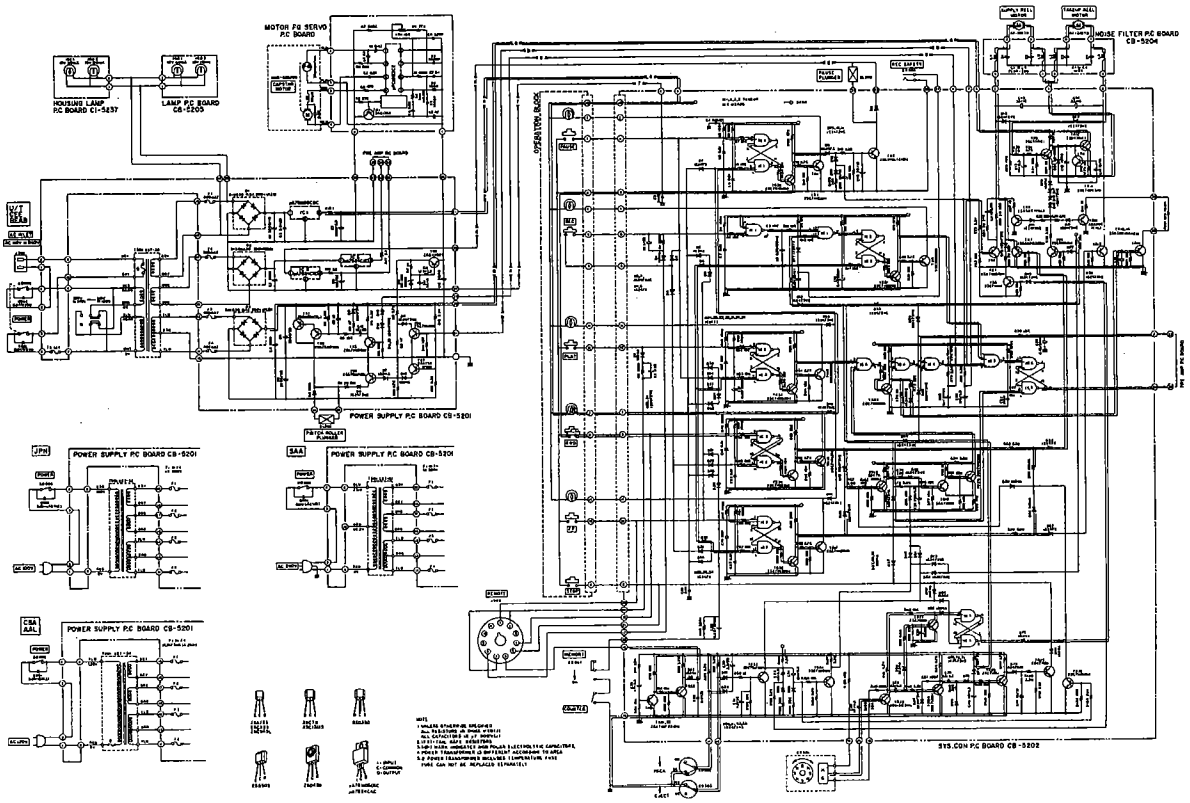
Schematic-2 STOP MODE



Schematic-3 PLAY MODE


MOTOR FG SERVO P.C BOARD
HOUSING LAMP P.C BOARD CI-5237
LAMP P.C BOARD CB-5205
NOISE FILTER P.C BOARD CB-5204
OPERATION BLOCK
POWER SUPPLY P.C BOARD CB-5201
SYS.CON P.C BOARD CB-5202

Schematic-4 FF MODE


MOTOR FG SERVO P.C BOARD
HOUSING LAMP P.C BOARD CI-5237
LAMP P.C BOARD CB-5205
NOISE FILTER P.C BOARD CB-5204
OPERATION BLOCK
POWER SUPPLY P.C BOARD CB-5201
SYS.CON P.C BOARD CB-5202

Schmatic-5 RWD MODE

1. TAPE SLACK ELIMINATION CIRCUIT

1) This deck employs a double capstan drive system. Consequently, when a play mode is effected with a great deal of slack, tape may triangle into the mechanism to cause trouble. Or even when there is only a slight slack, it takes a long period of time to otbain the optimum loop tension and correct bad head-to-tape contact.
   The purpose of this circuit is to take-up the tape slack beforehand to obtain correct tape tension for smooth operation and to prevent the undesirable conditions.
2) When the cassette is not loaded, the cassette pack detection circuit micro switch SW902 is OPEN. Therefore, base electric current flows as R96 → D60 → R98 → TR23 and TR23 is ON.
   Also, when the Eject is effected, SW902 closes. But in this case, Eject Switch SW903 is OPEN to cause base electric current to flow R97 → D61 → D98 → TR23 and maintain TR23 ON condition. When the cassette is loaded, Eject Switch SW903 closes, and since SW902 is also closed, electric current is not supplied to TR23 base and TR23 is OFF. When TR23 is turned OFF, C33 charging current flows as R101 → C33 → R103 → D16 → TR5. Also, because the Take-up Reel Motor and the interlocked rotary magnet are not rotating at this time, IC4 output terminal ⑧ is at a high level. While C33 is being charged, TR5 base electric potential increases to turn TR5 ON. When TR5 is turned ON, electric current flows to the Supply Reel Motor through D78, R26 and rotates it to remove the tape slack.
3) After C33 is completely charged by the electric current R101 → C33 → R103 → D16 → TR5, TR5 is turned OFF. Or else, even when C33 is still being charged, Take-up Reel Motor may start to rotate when Supply Reel Motor rotates and completes to Pull-up tape slack. When Take-up Reel Motor rotates, interlocked SW901 rotary magnet begins to rotate. The resulting pulse electric current flows a C35 → TR25 → C36 → D66 → R131 → C38 and charges C38 to increase TR27 base electric potential and turn TR27 ON. When TR27 is turned ON, IC4 input terminal ⑬ becomes ground electric potential through D69 and TR27 and therefore, output terminal ⑧ becomes low level by the inversion of the flip flop output.
   For this reason, C33 charging current stops flowing to TR5 base and turns TR5 OFF. When TR5 is turned OFF in either case, electric current is not supplied to Supply Reel Motor and the rotation stops.

2. PARKING BRAKE CIRCUIT

1) To prevent tape slack from forming at Stop mode, tape is pulled slightly in both directions by this circuit. Electric current are supplied to the two reel motors for slight torques.
2) When the tape is not loaded, TR23 is ON and D22 anode, through D52 connected to the collector, is ground potential. TR8 is therefore OFF.
   When the tape is loaded, TR23 is turned OFF. The charging current of C34 flows (R101 → C34 → R105 → TR24) and TR24 base electric potential increases to turn ON. Through collector connected D79, D22 anode becomes ground potential. Consequently, TR8 maintains OFF condition. During this time tape slack is taken up.
3) After C34 is charged, TR24 is turned OFF and bias is supplied to TR8 base through R40 and D22 from 5V Line. TR8 is thereby turned ON and causes D19 cathode electric potential to decrease. TR6 base electric potential is then decreased through R32 and D14. At the same time, TR10 base electric potential is decreased through R38 and D21 so that TR6 and TR10 are turned ON. As a result, the Supply Reel Motor and the Take-up Reel Motor rotate from the electric current supplied through R27, TR6 and R21, TR10 respectively. Since the torques are toward pulling the tape at both ends, tape is at a standstill.
4) At Play mode, IC4 output terminal ⑥ is at a low level so that D22 anode electric potential decreases through D58, and TR8 is turned OFF. At Fast Forward and Rewind mode, TR18 is turned ON. D22 anode becomes ground potential through D55, and TR8 turned OFF. Thus, tape slack is prevented at Stop mode by a parking brake from the weak torques.

3. PLAY PLUNGER OPERATING CIRCUIT

1) This circuit starts Play Plunger operation by supplying a large amount of electric curren and then maintains the operations, once it's started, by a small electric current. This deck is transistor driven and does not employ relays. It operates on a plus-minus power supply.
2) When the deck is set to PLAY mode, IC4 output terminal ③ of the system control circuit reaches a high level and C26 is charged through R79, C25 and R82. But since the charging time of C25 is shorter, its terminal voltage is increased faster than that of C26 and is added to TR3 base through power supply circuit D12 and D11. TR3 turns ON, and C10 charging current flows as R1 → R2 → C10 → TR3. While C10 is charged, TR2 base electric potential decreases to turn TR2 ON and the Darlington connected TR1 base electric potential also decreases to turn TR1 ON. Thus the Play Plunger is supplied with voltage of ⊕ electric potential and ⊖ electric potential and starts operation.
   Now, when charging of C26 is completed, C26 terminal voltage is added to TR6 base of the power supply circuit. TR6 is thereby turned ON and D9 anode terminal becomes ground electric potential. When that happens, D7 cathode terminal becomes lower than the ground electric potential and turns TR4 ON. For this reason, even when TR2 and TR1 is turned OFF after charging of C10 is completed, electric current flows to the Play Plunger from ⊖ power supply through ground → TR4 → D6 → R4 to maintain operation.
3) Because the Play Plunger Operating Circuit is on a plus-minus power supply of C5 and C6, when the power switch is turned OFF during PLAY mode, condenser C5 discharges faster than C6 due to the fact that the load of C5 on the ⊕ side is larger than C6.
   This causes the pinch roller to stay in contact with the capstan for a little while after the reel motor have stopped, and results in loose tape coming out of the cassette pack due to the flywheel inertia. In order to prevent the malfunction, Play Plunger is disengaged, simultaneously, when the reel motors are stopped by the discharge of C5.
   When the power switch is turned OFF at PLAY mode, C5 discharges faster than C6 and the reel motors stop. At the same time, since the condition between TR7 base and R13 can be thought of as OPEN, the C6 leftover ⊖ electric potential is added to TR7 base and TR7 is turned ON. Therefore, D7 cathode becomes ground potential, TR4 is turned OFF, and the electric current stops flowing to the Play Plunger to disengage it.

4. OPERATION TIMING WHEN PLAY MODE IS EFFECTED FROM FAST FORWARD OR REWIND

1) When the PLAY mode is effected from Fast Forward or Rewind, if the Play Plunger functions to operate the pinch roller before tape travel has ceased, a brake will be instantly applied in such a way as to cut or stretch the tape.
   To eliminate the problem, this circuit allows the reel motors to stop completely before the pinch roller operation takes place when the PLAY mode is effected from Fast Forward or Rewind.
2) During Fast Forward or Rewind TR18 is ON and C24 is discharged through D46 → R74 → TR18. At the same time, TR19 is OFF and TR20 is ON. Consequently, TR20 collector connected IC5 input terminal ⑤ is low level. When the PLAY mode is effected from Fast Forward or Rewind, TR18 is turned OFF and C24 is charged through R71 and R73. During the charging time, TR19 base electric potential is low that it is in OFF condition and TR20 is ON. On the other hand, IC5 input terminal ⑥ becomes high level but because the input terminal ⑤ is low level due to TR20 ON, high level shows up at output terminal ④. PLAY mode is therefore not effected.
   When C24 is charged and TR19 base electric potential is increased to turn TR19 ON, TR20 base electric potential is decreased to turn TR20 OFF. Also, it results in a high level IC5 input terminals ⑤ and ⑥. Therefore output terminals ④ becomes low level to put PLAY mode into effect. In this manner, when the PLAY mode is effected from Fast Forward or Rewind, Play Plunger does not function while C24 is being charged.

5. FAST FORWARD AND REWIND SPEED CONTROL CIRCUIT

1) The reel motors of this deck are DC motors which at a non-load condition rotate at a high speed. Consequently, when Fast Forward or Rewind is effected, there is a possibility of tape damage due to gradual build-up of inertia and increased revolutions. The purpose of this circuit is to control the voltage supply to the take-up reel in order to prevent increased motor revolutions.
2) When the deck is set to Fast Forward mode, TR13 is turned ON and the take-up motor begins to rotate. When the supply reel motor is not rotating, because bias is not supplied to the base of TR9, the resistance between TR3 collector and emitter is infinite, and a fixed bias is supplied to TR12 through R35 and C13, a fixed DC voltage is supplied to the take-up reel motor, and there is a gradual build-up of inertia and gradual increase in the motor revolutions. However, at Fast Forward mode, the supply reel motor functions as a generator. Consequently, the electromotive force generated by the supply reel motor passes D13, R30 and R31 and becomes TR9 base bias, and the resistance between TR9 collector and emitter varies proportionately according to the extent of the generator's electromotive force. That is to say, the variation in the resistance between TR3 collector and emitter influences the bias supplied to the TR12 base.
   For example, let's say that the take-up reel begins to rotate at a very high speed. This causes a counterbalanced electromotive force to be generated by the supply reel motor and this generated voltage decreases the resistance between TR9 collector and emitter and lowers the TR12 bias. Then the resistance between TR12 collector and emitter is increased, the supply voltage to the take-up reel is decreased, and finally the motor revolution is decreased. Thus, the take-up speed always corresponds with the supply reel motor speed to prevent high speed motor revolutions.
3) In case by some irregularity, the collector current of TR12 is increased to cause high speed rotation, R43 terminal voltage is increased, bias is supplied to TR11 base, the resistance between TR11 collector and emitter is decreased, TR12 bias is lowered, and the collector current is decreased.
4) Speed control also functions in exactly the same way at Rewind mode. However, in this case, the right hand side reel motor functions as a generator, and left hand side reel motor revolutions are controlled by means of supply voltage control. Therefore, rewind speed is controlled in the same way as at fast forward.

6. AUTOMATIC SHUT-OFF MECHANISM CIRCUIT

1) This circuit is for the purpose of effecting automatic shut-off when tape travel has stopped after play, recording, fast forward, or rewind mode.
2) During tape travel TR25 performs an ON ↔ OFF switching operation because of the pulse generating from a rotating rotary magnet within SW9. Also during tape travel, charge and discharge current alternately flows to C36 due to the TR25 switching operation that TR26 also performs an ON ↔ OFF switching operation. From the TR26 switching operation, charge and discharge current alternately flows to C39. Only when C39 is charged, TR28 base electric potential increases and TR28 is turned ON. This is because C40 is charged through D70. On the other hand, when C39 is discharged, C40 discharge current flows through R130 → R118 → ground and TR28 base electric potential gradually decreases. But before TR28 is turned OFF, C40 is charged by the charging current from C39 that TR28 ON condition is maintained. Consequently, TR29 is in OFF condition because TR29 base is ground potential.
3) When tape travel stops, C39 charge and discharge current stops, C40 discharge ends, and TR28 turns OFF. Then, the TR29 base electric potential increases to turn TR29 ON, and through D74 which is connected to TR29 collector, ⊕ side of the STOP switch is grounded to effect STOP mode.
4) Also, this circuit functions only when PLAY, FAST FORWARD, or REWIND circuit is in operation. When these are not in operation, direct current voltage is supplied to C40 through R117 and D71, TR28 is turned ON, and TR29 OFF condition is maintained.
   When PLAY mode is in operation, low level IC4 output terminal ⑥ causes D71 anode electric potential to be decreased to near ground potential through D48. And when FAST FORWARD OR REWIND is in operation, because TR18 is ON, D71 anode electric potential is decreased to near ground potential through D44 and TR18.
   Consequently, TR29 is turned ON by pulse electric current from SW901 only when PLAY, FAST FORWARD, REWIND circuit is in operation.

VI. MECHANISM ADJUSTMENTS

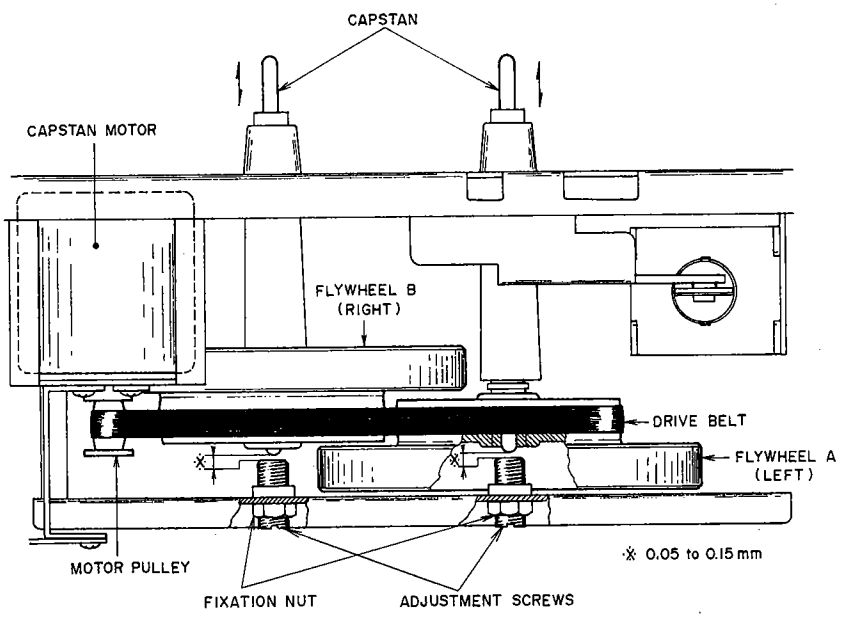


Fig. 4 Flywheel Thrust Loose Play Adjustment

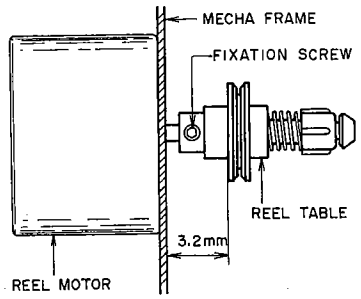


Fig. 5

1. FLYWHEEL THRUST LOOSE PLAY ADJUSTMENT (Refer to Fig. 4)

Adjust by turning flywheel thrust loose play adjustment screws to obtain a 0.05 to 0.15 mm of loose play when the flywheel is moved as indicated by the arrow mark.

Tighten fixation nuts to maintain optimum adjusted condition. Paint lock the adjustment screws.

2. REEL TABLE INSTALLATION POSITION ADJUSTMENT (Refer to Fig. 5)

Adjust until a clearance of approximately 3.2 mm is obtained between the mecha frame and the lower side of the reel table's pulley as shown in Fig. 5. Then, tighten the fixation screw firmly.

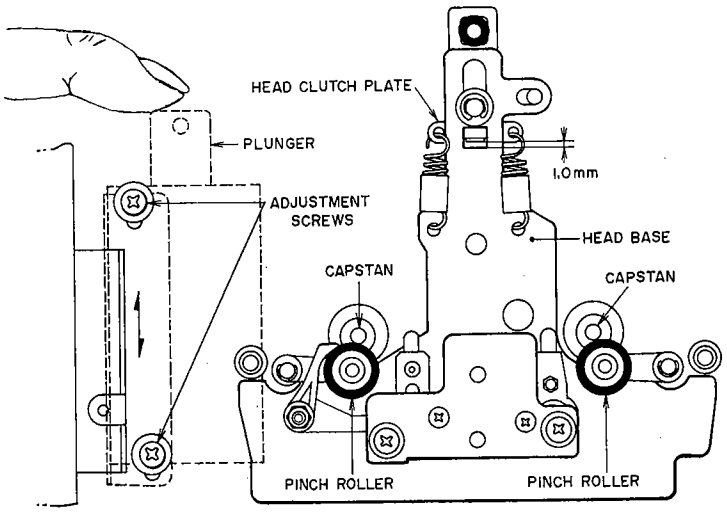


Fig. 6

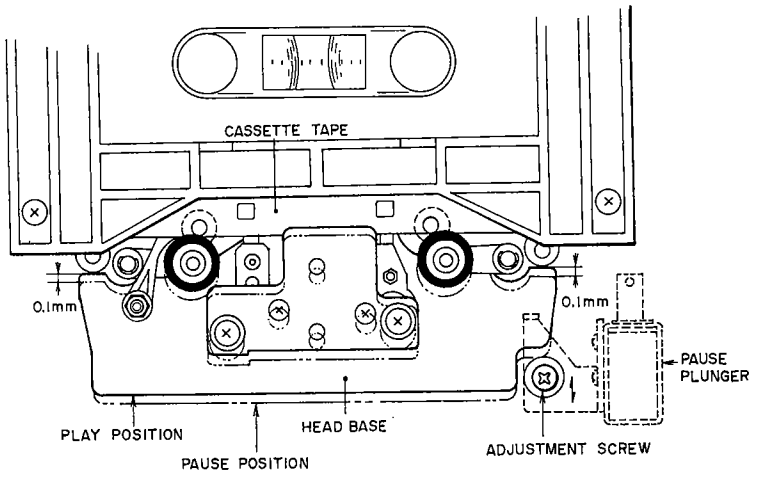


Fig. 7

3. PLAY PLUNGER INSTALLATION POSITION ADJUSTMENT (Refer to Fig. 6)

The clearance between the head base and head clutch plate when the plunger is moved as indicated in Fig. 6 at stop mode should be approximately 1.0 mm. If not, adjust play plunger position with the adjustment screws in the direction as indicated by the arrow mark.

4. PAUSE PLUNGER INSTALLATION POSITION ADJUSTMENT (Refer to Fig. 7)

With the tape loaded, the Pause Plunger Solenoid is not completely pulled if the head base does not lower at all when the mode is changed from PLAY to PAUSE. In order to allow Pause Plunger to function completely and still have the head not lowered too much, the head base should lower only 0.1 mm (lower only slightly) when the mode is changed from PLAY to PAUSE as shown in Fig. 7.

If you find that the plunger function is not complete, adjust by lowering the Pause Plunger Installation Position approximately 0.1 mm using the adjustment screw.

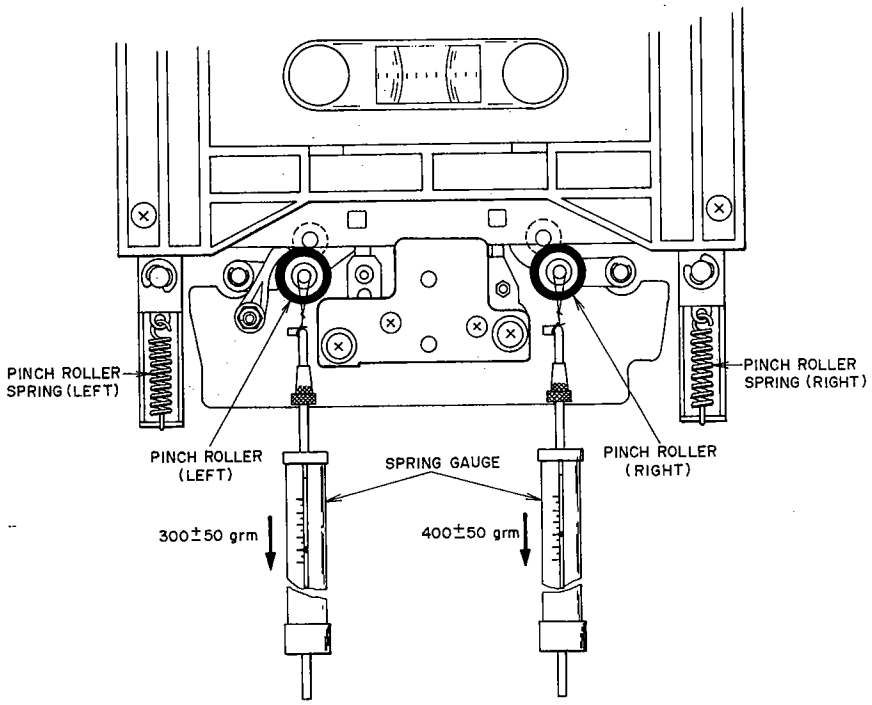


Fig. 8

5. PINCH ROLLER PRESSURE ADJUSTMENT (Refer to Fig. 8)

Load a cassette tape, set the recorder in the play mode, then pass a string around the pinch roller shaft and the spring gauge as shown in Fig. 8. Pull the spring gauge as indicated by the arrow mark in the figure until the pinch roller separates from the capstan. Then, gradually weaken the pulling force, and the spring gauge value when the pinch roller comes in contact with the capstan once again to start rotating. If the measurement value does not comply with the following values specified, replace the pinch roller spring.

Specified Pinch Roller Pressure:

Pinch Roller (Right) 400 ±50 grm
Pinch Roller (Left) 300 ±50 grm

NOTE: To pass a string around the pinch roller shaft, remove the two operation Button Fixation Screws and pull out the Operation Button Block. From the bottom of the chassis, pass the string behind the Operation Button Block and place it around the pinch roller shaft. Make sure that the string does not come in contact with the chassis or any other parts during the measurement.

6. TAKE-UP TORQUE AT VARIOUS MODES AND TORQUE MEASURING METHOD

Set a cassette torque meter on cassette base, and take a reading of the indication at each respective mode.

Playback mode	33 to 55 grm-cm
Fast Forward mode	80 to 120 grm-cm
Rewind mode	80 to 120 grm-cm

7. LID PANEL POSITION ADJUSTMENT (Refer to Fig. 9)

In case the lid panel is not parallel with the front panel, adjust by shifting the eject guide as indicated by the arrow mark in Fig. 9. If the upper part of the lid panel is tilted inward, move the eject guide upward, and if tilted outward, move the eject guide downwards.

8. TAPE SPEED ADJUSTMENT (Refer to Fig. 10)

Playback a 1,000 Hz pre-recorded test tape and adjust tape speed adjustment volume to obtain a tape speed of 1,000 Hz ±2%.

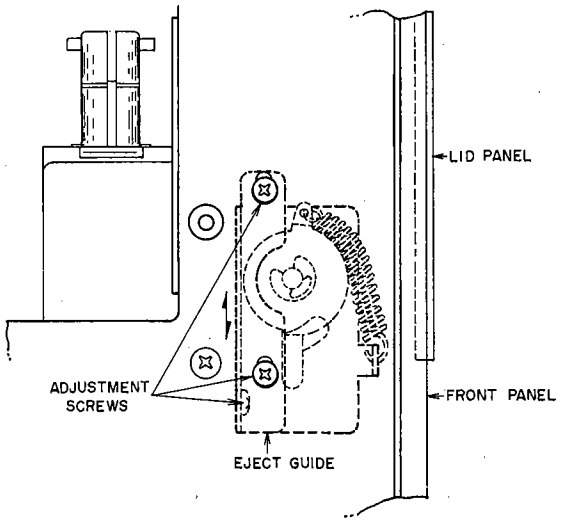


Fig. 9 Left Side of the Deck

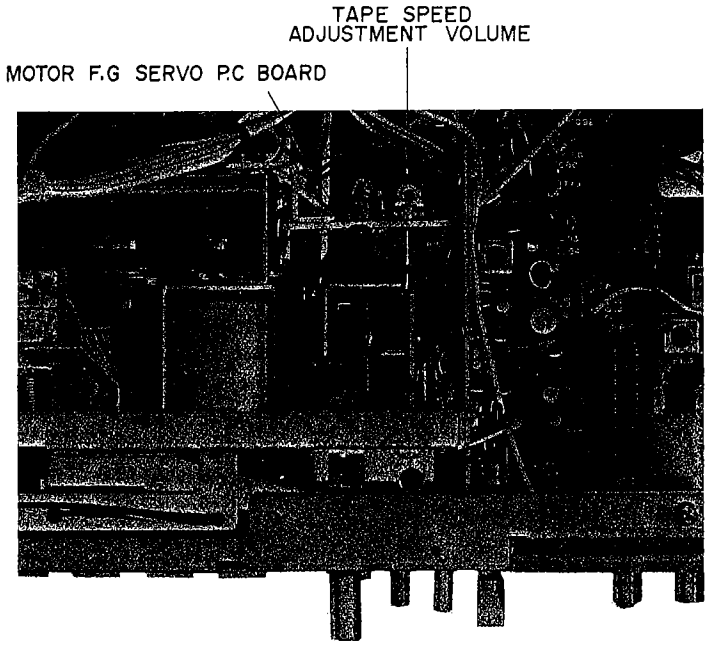


Fig. 10 Tape Speed Adjustment

VII. HEAD ADJUSTMENTS

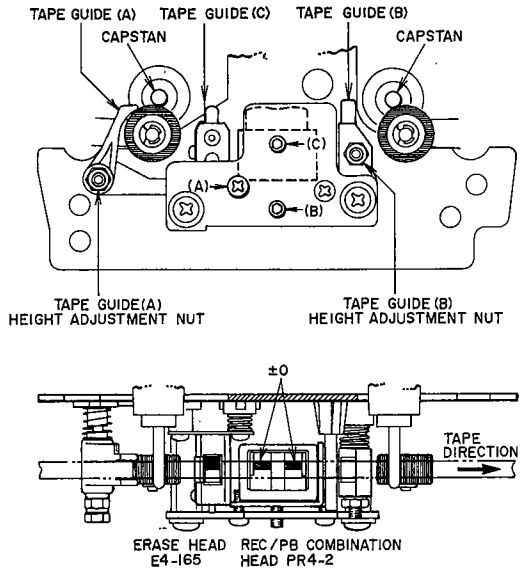


Fig. 11

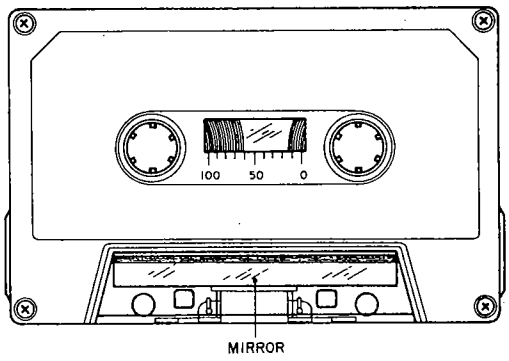


Fig. 12

1. TAPE GUIDE HEIGHT ADJUSTMENT (Refer to Figs. 11, 12)

1) When using an ordinary cassette, the tape guides and heads, etc. are not visible. As shown in Fig. 12 use a cassette tape from which part of the cassette case has been cut out and a mirror installed for easy visibility of the head area when making tape guide height adjustment.
2) At playback mode, using the erase head guide (C) shown in Fig. 11 as standard for height, adjust tape guide (A) and tape guide (B) height with tape guide height adjustment nuts so that the tape runs smoothly and does not catch on the tape guides.

2. HEIGHT ADJUSTMENT OF RECORDING/ PLAYBACK COMBINATION HEAD (Refer to Fig. 11)

1) Utilize the cassette tape used in Tape Guide Height Adjustment above, and playback the leader tape part of cassette tape.
2) As shown in Fig. 11 adjust head height with screws (A), (B) and (C) until the upper edge of the tape is the same height as the upper edge of the left channel REC/PB Combination head core.

3. AZIMUTH ALIGNMENT ADJUSTMENT OF RECORDING/PLAYBACK COMBINATION HEAD (Refer to Fig. 11)

1) The cores of recording and playback heads are mounted in a single head holder to form the recording/playback combination head otherwise known as the New GX Head. Both recording and playback head cores move when azimuth alignment is adjusted. To obtain optimum playback head core azimuth alignment, follow the instructions 2) – 5) carefully.
2) Playback a 10 kHz azimuth alignment adjustment test tape and adjust the adjustment screw (A) until the output level of both channels are at maximum.
3) Invert cassette and see whether there is an output level difference from the above. If there is a difference, repeat 2) and readjust.
4) Record a 10 kHz, −20 VU signal from the audio frequency oscillator.
5) Rewind and check for any fluctuation in the output level at playback.

NOTES: 1. Be sure to clean the heads prior to head adjustment.
2. Be careful not to use a magnetized driver or other magnetized tools in the vicinity of the heads.
3. Be sure to demagnetize the heads with a Head Demagnetizer before and after head adjustment.
4. When a mirror installed cassette test tape as shown in Fig. 12 is required, it can be ordered from AKAI Electric Co.

VIII. AMPLIFIER ADJUSTMENTS

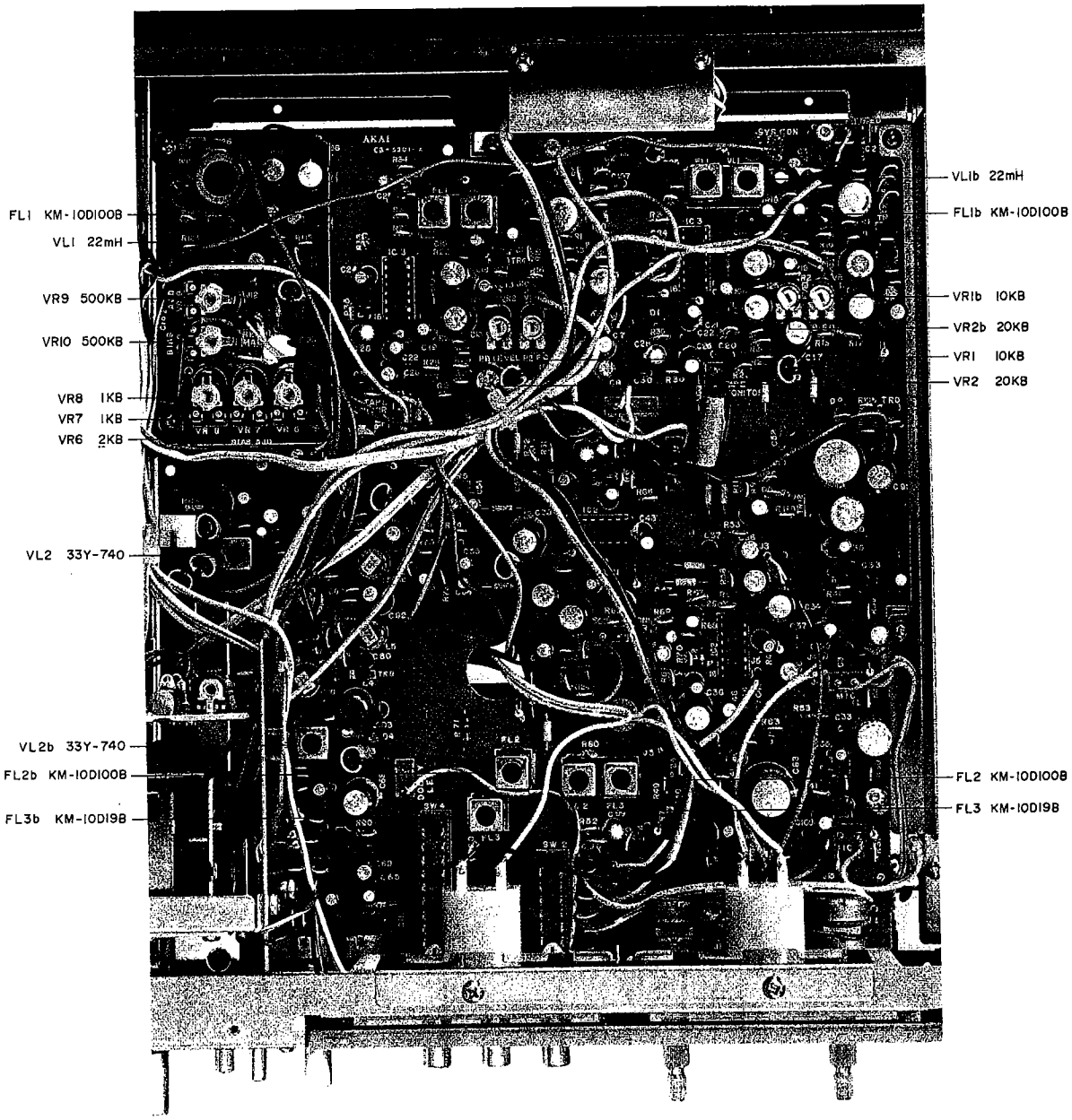


Fig. 13 Pre Amp P.C Board CB-5201A

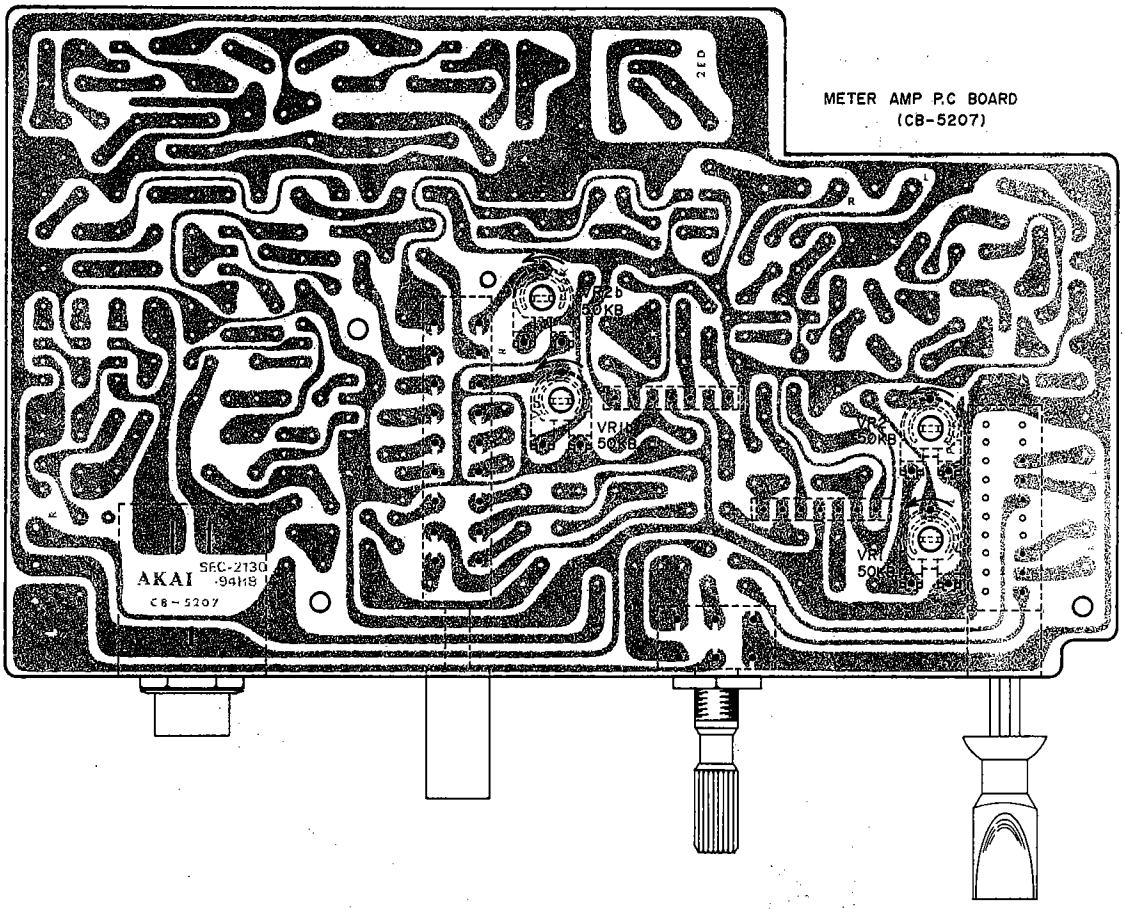


Fig. 14 Meter Sensitivity Adjustment

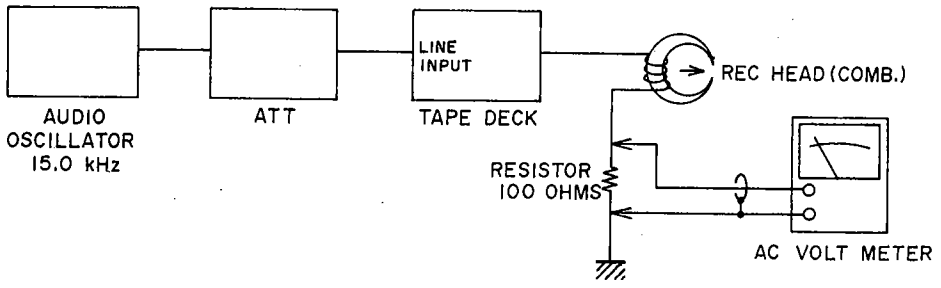


Fig. 15 Instruments Connections

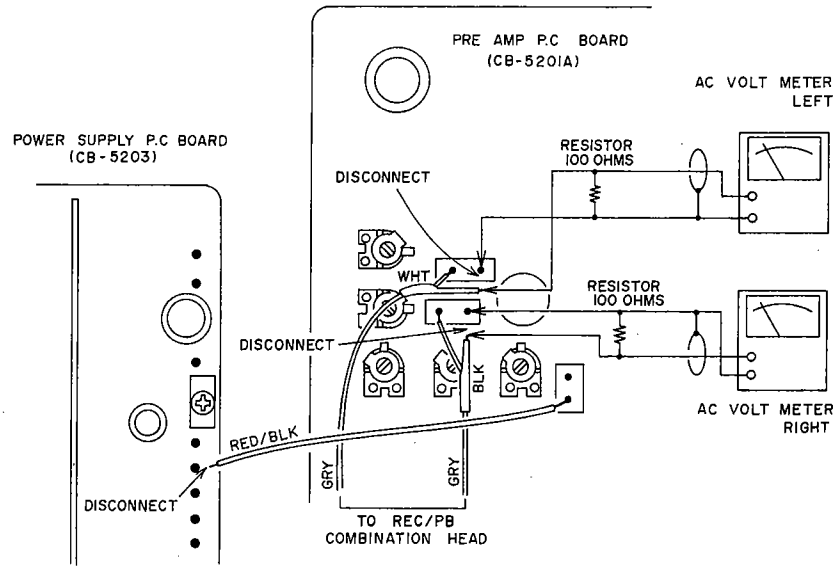


Fig. 16 Rec Peaking Adjustment

Step	Adjustment Item	Test Tape Supply Signal	Mode	Adjustment Point	Result	Remark
1	Playback Level Adjustment	333 Hz, 0 VU Test Tape	PLAY	VR2 20 kB	−5.5 dBm ±0.5 dBm	Set Monitor Switch to "TAPE"
2	VU Meter Sensitivity Adjustment	1,000 Hz, 0 VU from an Oscillator	STOP	VR1 50 kB (CB-5207)	0 VU Indication	Set Monitor Switch to "SOURCE" Set Meter Selector Switch to "VU"
3	Peak Meter Indication Adjustment	1,000 Hz, 0 VU from an Oscillator	STOP	VR2 50 kB (CB-2507)	−8 VU Indication	Set Meter Selector Switch to "PEAK"
4	PB Equalizer Adjustment	10 kHz Test Tape	PLAY	VR1 10 kB (CB-5201A)	−19.5 dBm	Set Monitor Switch to "TAPE"
5	CrO_2 Position Frequency Response Adjustment	CrO_2 blank tape, 1,000Hz 10,000 Hz, −20 VU Recording	REC/ PLAY	VR9 500 kB (LEFT) VR10 500 kB (RIGHT) (CB-5201A)	1,000 Hz to 10,000 Hz flat response	Set Tape Selector Switch to "CrO_2"
6	LN Position Frequency Response Adjustment	LN blank tape, 1,000 Hz, 10,000 Hz, −20 VU Recording	REC/ PLAY	VR6 2 kB (CB-5201A)	1,000 Hz to 10,000 Hz flat response	Set Tape Selector Switch to "LN" (Refer to NOTE 4)
7	LH Position Frequency Response Adjustment	LH blank tape, 1,000 Hz, 10,000 Hz, −20 VU Recording	REC/ PLAY	VR7 1 kB (CB-5201A)	1,000 Hz to 10,000 Hz flat response	Set Tape Selector Switch to "LH" (Refer to NOTE 4)
8	Fe-Cr Position Frequency Response Adjustment	Fe-Cr blank tape, 1,000 Hz, 10,000 Hz, −20 VU recording	REC/ PLAY	VR8 1 kB (CB-5201A)	1,000 Hz to 10,000 Hz flat response	Set Tape Selector Switch to "Fe-Cr" (Refer to NOTE 4)
9	Recording Level Adjustment	LN blank tape, 1,000 Hz 0 VU Recording	REC/ PLAY	VR3 (Front Panel)	−5.5 dBm ±0.5 dBm	(Refer to NOTE 5)
10	Distortion Factor Confirmation	1,000 Hz 0 VU Recording	REC/ PLAY		CrO_2 : Less than 1.5% LN: Less than 1.0% LH: Less than 1.0% Fe-Cr: Less than 1.5%	(Refer to NOTE 6)
11	Rec Peaking Adjustment	15.0 kHz from an oscillator	REC	VL2 33Y-740	Maximum AC Voltmeter indication	(Refer to NOTES 9, 10 and Figs. 15, 16)
12	Rec Amp Bias Leak Adjustment	100 kHz from an oscillator	REC	FL2 KL10D 100B (CB-5201A)	Minimum AC Voltmeter indication	Set Monitor Switch to "SOURCE" (Refer to NOTE 9)

Step	Adjustment Item	Test Tape Supply Signal	Mode	Adjustment Point	Result	Remark
13	19 kHz Filter Adjustment	19 kHz from an oscillator	STOP	FL3 KM10D 19B (CB-5201A)	Minimum AC Voltmeter indication	Set MPX Filter Switch to "ON" (Refer to NOTE 9)
14	PB Amp Bias Filter Adjustment	No Signal Input	REC/ PLAY	VL1 22mH (CB-5201A)	Minimum AC Voltmeter indication	Set Monitor Switch to "TAPE"
15	PB Amp Bias Filter Adjustment	No Signal Input	REC/ PLAY	FL1 KM10D 100B (CB-5201A)	Minimum AC Voltmeter indication	Set Monitor Switch to "TAPE"

Chart-2

NOTES: 1. Except for Steps 5, 7 and 8 set Tape Selector to LN position.
2. Set Dolby N.R. switch, Cal. Tone Switch to OFF position.
3. Except for Step 13, set MPX Filter switch to OFF position.
4. If a flat characteristic cannot be obtained from 1,000 Hz to 10,000 Hz at LN, LH, or Fe-Cr positions, fine adjust at VR6 (LN), VR7 (LH), VR8 (Fe-Cr) respectively.
5. Recording level adjustment volumes (REC CAL) VR3 are not located on the pre amp P.C Board as in the case of an ordinary tape deck, but are installed on the front panel.
6. If it does not comply with the specifications, repeat Steps 5 – 9 and re-adjust.
7. Because each of these adjustments are vital to perfect Dolby N.R. circuit operation, be sure that they are carried out with as little error as possible.
8. Use the following cassette measuring tape:
   LN Tape: Fuji FL C-60, AKAI C-60LN
   LH Tape: Maxell UD C-60
   CrO_2 Tape: TDK SA C-60
   Fe-Cr Tape: SONY Duad C-60
9. Unless the core is moved intentionally this adjustment is not necessary.
10. Stop recording Bias Oscillator while making Rec Peaking Adjustment. (Refer to Figs. 15, 16)

IX. DC RESISTANCE OF VARIOUS COILS

Parts	Designation	DC Resistance
Recording/Playback Combination Head	PR4-2	REC: 22 ohms ±5% PB: 250 ohms ±5%
Erase Head	E4-165	2.5 ohms
Play Plunger	1254 TLT	120 ohms ±10%
Pause Plunger	P-120F	540 ohms ±10%

Chart-3

X. CLASSIFICATION OF VARIOUS P.C BOARDS

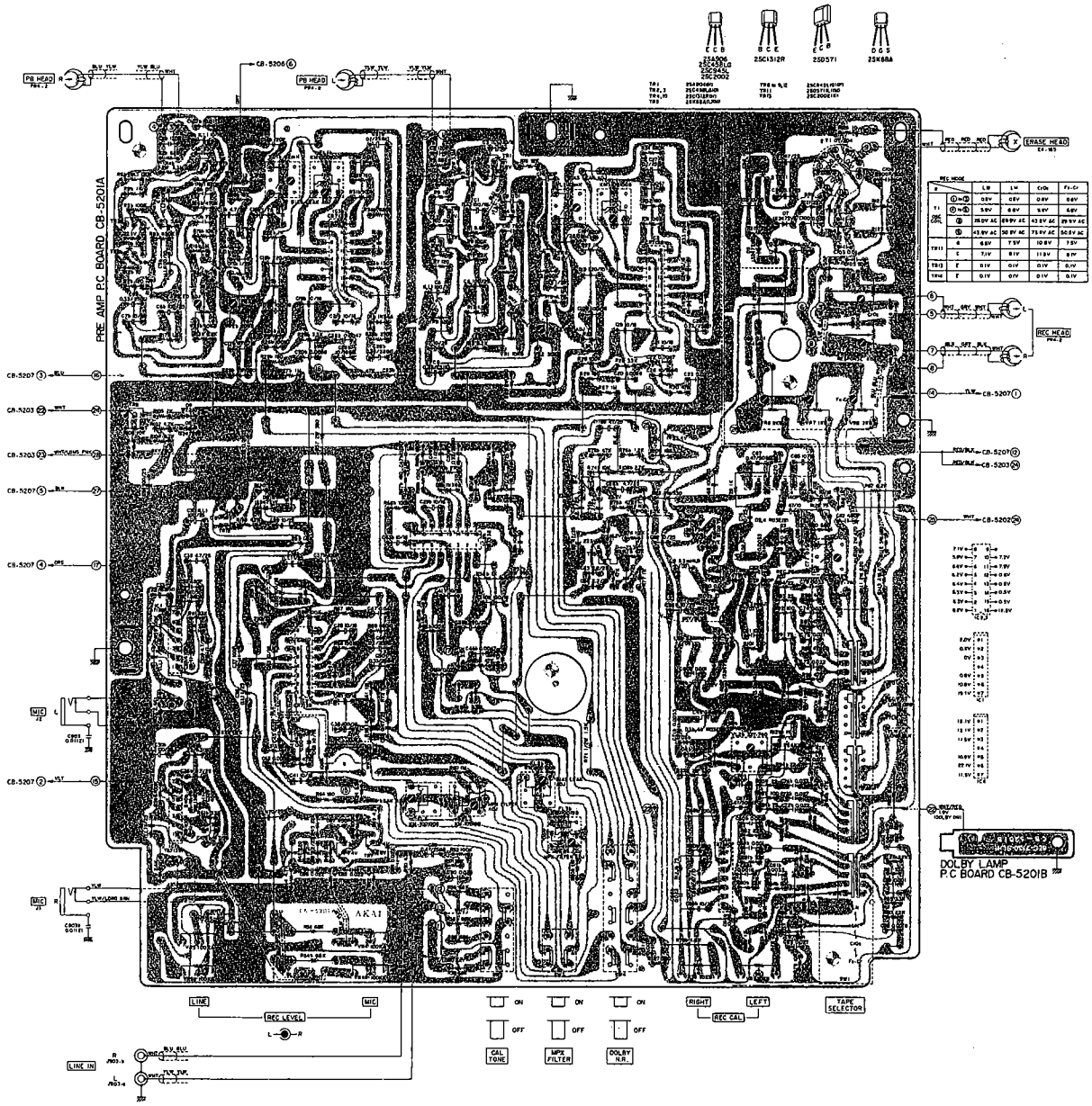
1. RELATION OF P.C BOARD TITLE AND IDENTIFICATION NUMBER

P.C Board Title	P.C Board Number
Pre Amp P.C Board	CB-5201A
Dolby Lamp P.C Board	CB-5201B
Sys. Con P.C Board	CB-5202
Power Supply P.C Board	CB-5203
Noise Filter P.C Board	CB-5204
Lamp P.C Board	CB-5205
Meter Amp P.C Board	CB-5207
Housing Lamp P.C Board	CI-5237

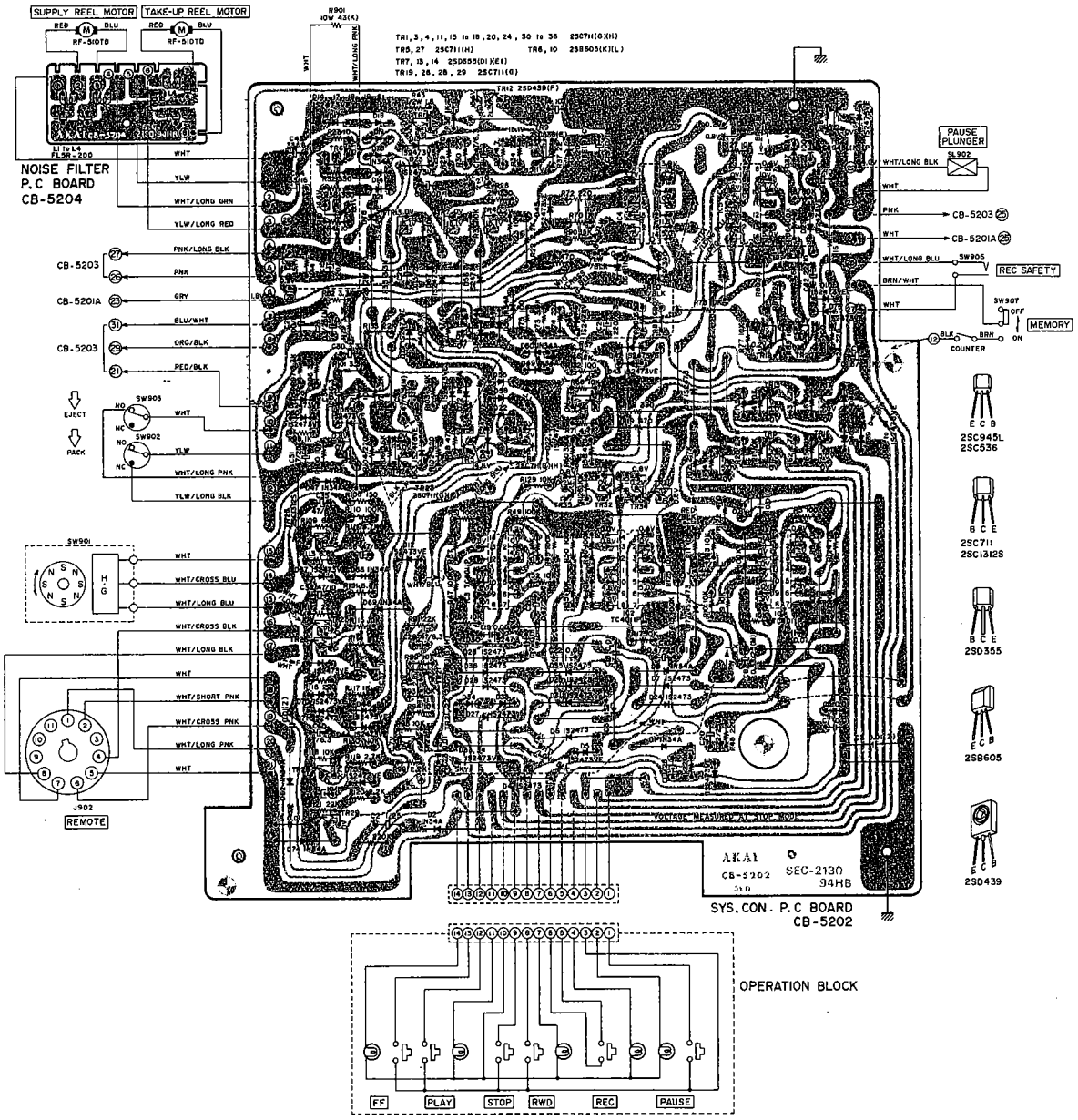
Chart-4

2. COMPOSITION OF VARIOUS P.C BOARDS

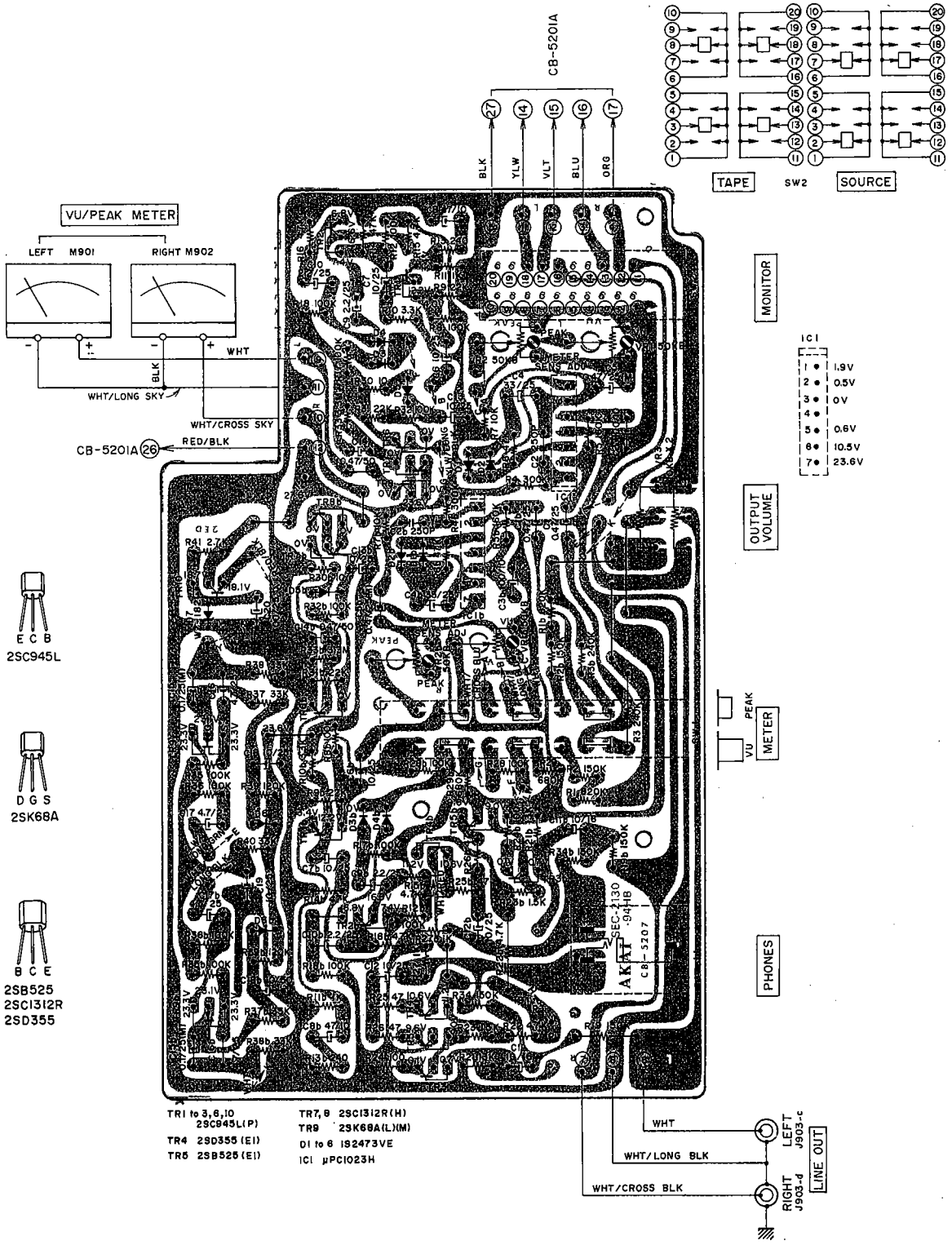
1) PRE AMP P.C BOARD CB-5201A and DOLBY LAMP P.C BOARD CB-5201B



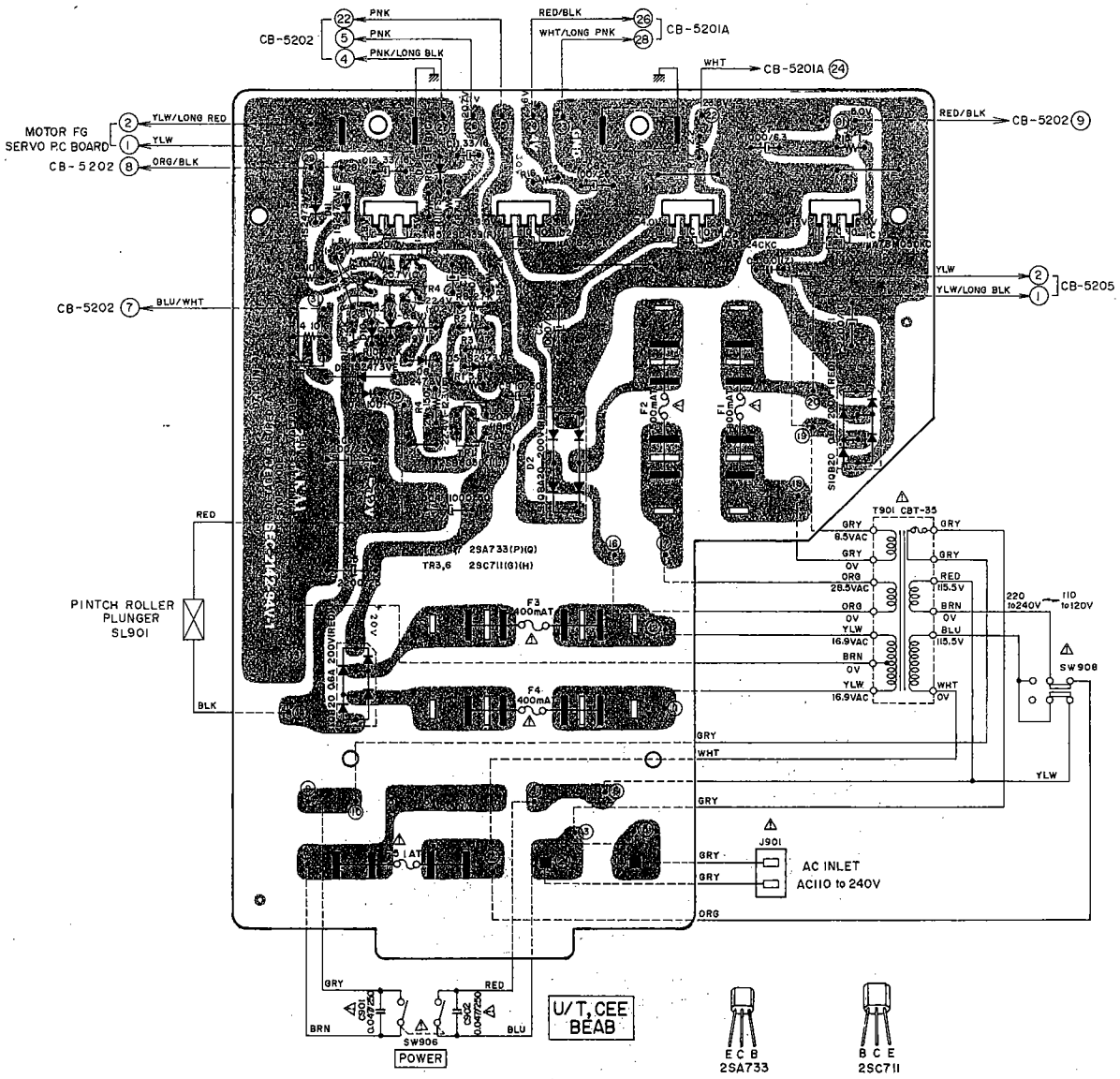
2) SYS. CON P.C BOARD CB-5202 and NOISE FILTER P.C BOARD CB-5204



3) METER AMP P.C BOARD CB-5207



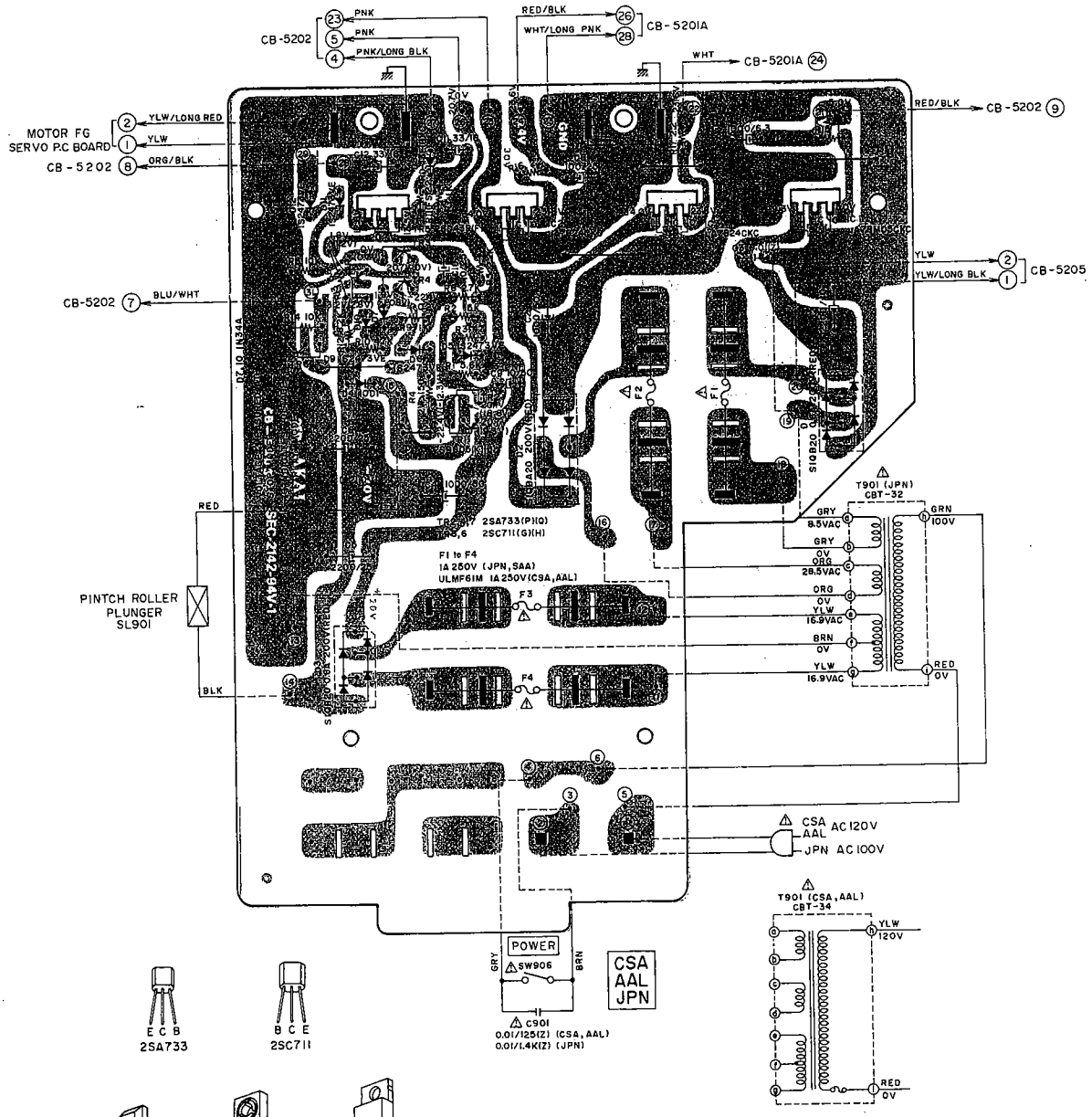
4) POWER SUPPLY P.C BOARD CB-5203 (U/T, CEE, BEAB)



WARNING: ⚠INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: ⚠ IL INDIQU LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL NE REMPLACER LES CONPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.

5) POWER SUPPLY P.C BOARD CB-5203 (CSA, AAL, JPN)



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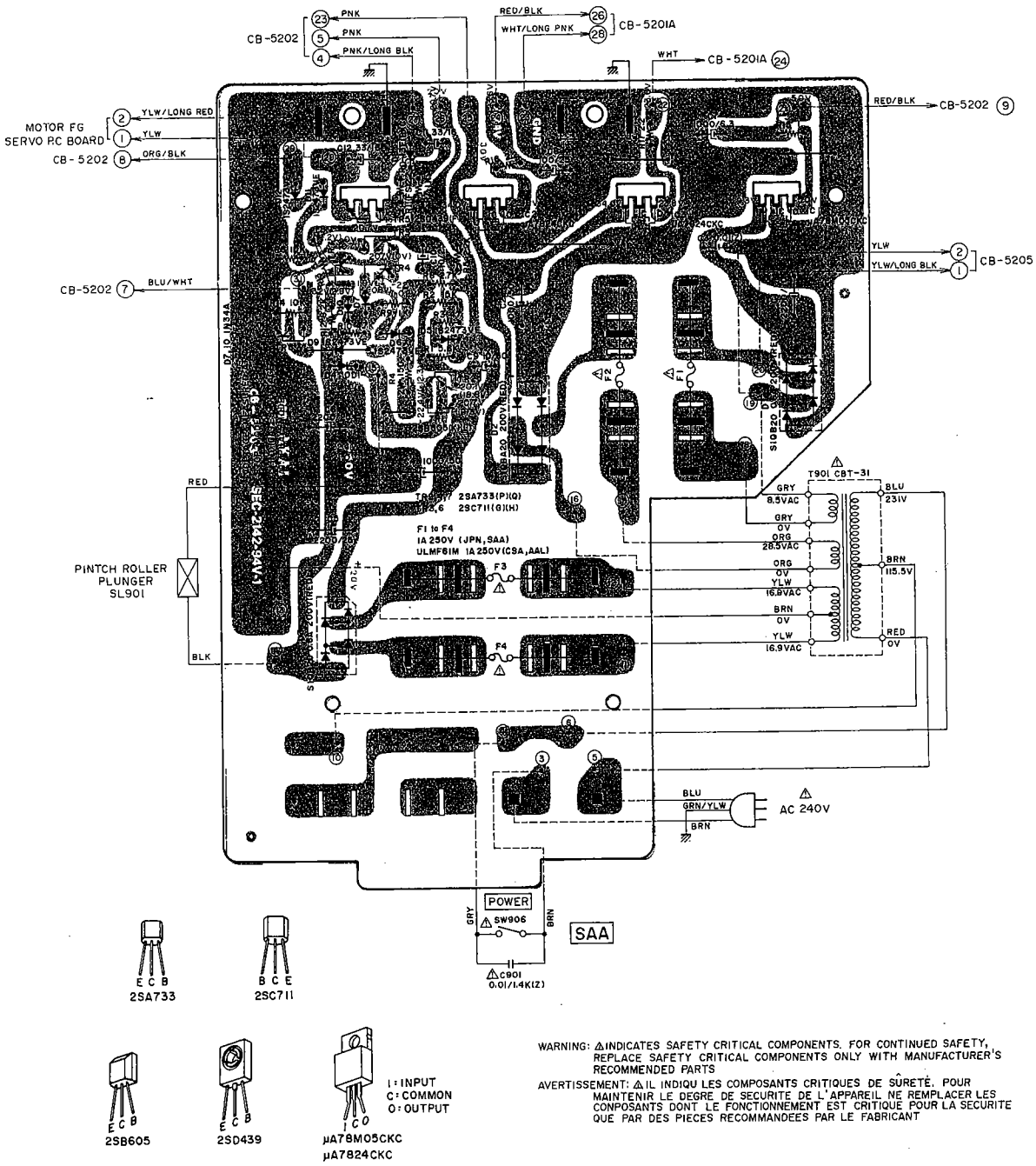
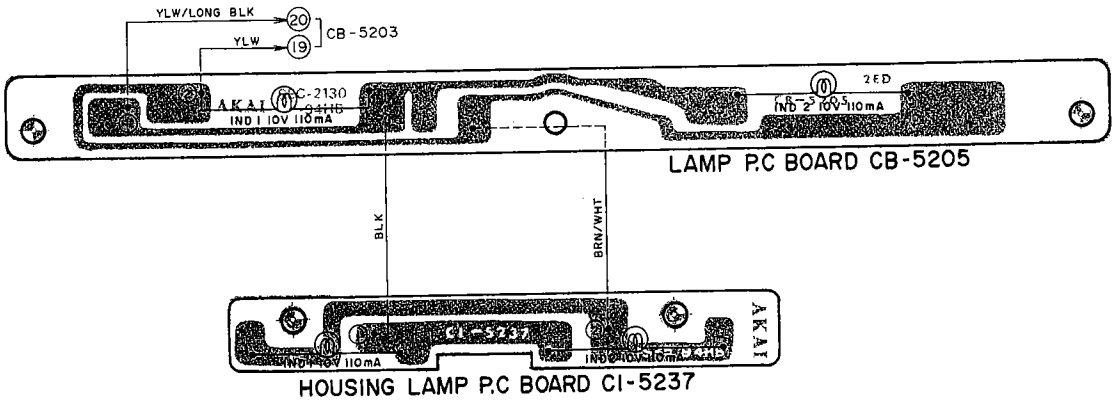
6) POWER SUPPLY P.C BOARD CB-5203 (SAA)



WARNING: ⚠INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: ⚠ IL INDIQU LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL NE REMPLACER LES CONPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT

7) LAMP P.C BOARD CB-5205 and HOUSING LAMP P.C BOARD CI-5237



SECTION 2

PARTS LIST

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1. RECOMMENDED SPARE PARTS LIST 38
2. HEAD BASE BLOCK 40
3. REEL TABLE BLOCK 41
4. CASSETTE HOLDER BLOCK 42
5. MECHA FRAME BLOCK (1) 43
6. MECHA FRAME BLOCK (2) 44
7. P.C BOARDS 46
   (1) PRE AMP P.C BOARD (CB-5201A) BLOCK 46
   (2) SYS. CON P.C BOARD (CB-5202) BLOCK 47
   (3) POWER SUPPLY P.C BOARD (CB-5203) BLOCK 48
   (4) NOISE FILTER P.C BOARD (CB-5204) BLOCK 48
   (5) METER AMP P.C BOARD (CB-5207) BLOCK 49
8. AMP ASSEMBLY BLOCK 50
9. FINAL ASSEMBLY BLOCK 52
10. LIST OF INTERCHANGEABLE SEMICONDUCTORS 53

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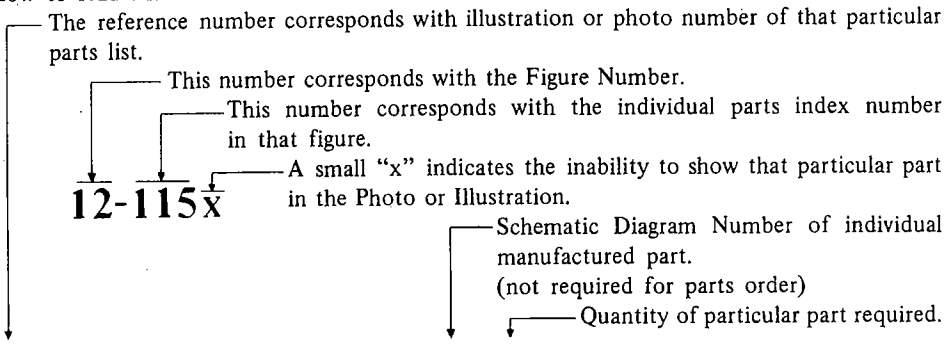
Resistor and Capacitor which is not listed in this parts list, please refer to COMMON LIST FOR SERVICE PARTS.

HOW TO USE THIS PARTS LIST

1. This parts list is compiled by various individual blocks based on assembly process.
2. When ordering parts, please describe parts number, serial number, and model number in detail.
3. How to read List


The reference number corresponds with illustration or photo number of that particular parts list.
This number corresponds with the Figure Number.
This number corresponds with the individual parts index number in that figure.
A small "x" indicates the inability to show that particular part in the Photo or Illustration.
12-115x
Schematic Diagram Number of individual manufactured part.
(not required for parts order)
Quantity of particular part required.

Ref. No.	Parts No.	Description	Schematic No.	Q'ty
		FLYWHEEL BLOCK #13		
12-115x	800425	Flywheel Block Assy. Comp.	RDG #13	1
12-116	244506	Flywheel Only	RD-233	1
12-117x	244754	Felt, Flywheel	RD-275	1
12-118	251324	Main Metal Case	RD-236	1
12-119	253080	Main Metal	RD-237	1

4. The symbol numbers shown on the P.C. Board list can be matched with the Composite Views of Components of the Schematic Diagram or Service Manual.
5. Please utilize separate "Common List for Service Parts" for Resistor Parts orders.
6. The shape of the parts and parts name, etc. can be confirmed by comparing them with the parts shown on the Electrical Parts Table of P.C. Board.
7. Both the kind of part and installation position can be determined by the Parts Number. To determine where a parts number is listed, utilize Parts Index at end of Parts List.
   It is necessary first of all to find the Parts Number. This can be accomplished by using the Reference Number listed at right of parts number in the Parts Index. (meaning of ref. no. outlined in Item 3 above).
8. Utilize separate "Price List for Parts" to determine unit price. The most simple method of finding parts Price is to utilize the reference number.

CAUTION:
1. When placing an order for parts, be sure to list the parts no. model no., and description. There are instances in which if any of this information is omitted, parts cannot be shipped or the wrong parts will be delivered.
2. Please be careful not to make a mistake in the parts no. If the parts no. is in error, a part different from the one ordered may be delivered.
3. Because parts number and parts unit supply in the Preliminary Service Manual (Basic Parts List) may be partially changed, please use this parts list for all future reference.

WARNING: ⚠ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

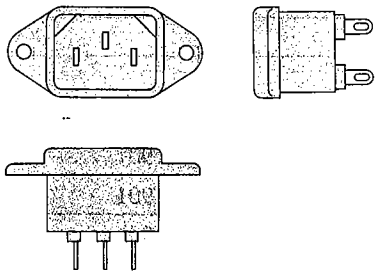
AVERTISSEMENT: ⚠ IL INDIQU LES COMPOSANTS CRITIQUES DE SURETE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.

AC INLET SYSTEM

This model is equipped with an AC INLET SYSTEM. Please refer to the AC INLET SYSTEM CHART below for the specific type. By the AC INLET SYSTEM, AC (mains) cord can be connected to and disconnected from the model because the model is provided with socket exclusively for AC (mains) cord on its main body.
Please note, however, that certain models are not equipped with this system and has a built-in AC (mains) cord as before.

AC INLET SYSTEM CHART

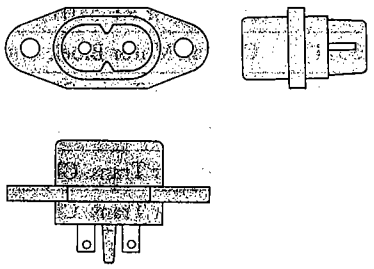
CLASS I

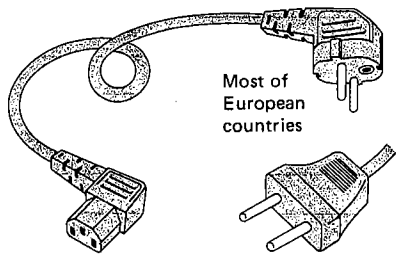


Picture 1
AC INLET to be installed on machines

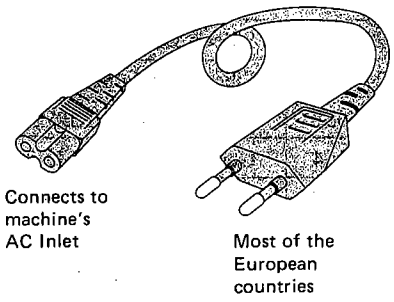
CLASS II

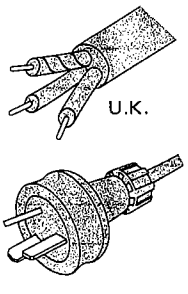
⧈ This mark indicating double insulation will be attached to machine's rear panel

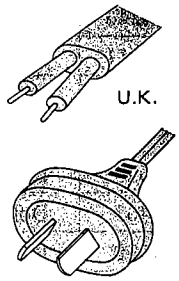




Picture 2
AC (mains) cord







Parts List for AC (mains) Cord Set

Standard		Description	Type of AC Inlet	Parts No.
Class I	CEE	Cord Set CEE (3 cores)	3P	EW302993
	BEAB	Cord Set BEAB (3 cores)	3P	EW302994
	SAA	Cord Set SAA (3 cores)	3P	EW302996
	U/T	Cord Set U/T (3 cores)	3P	EW302646
Class II	CEE	Cord Set CEE (2 cores)	2P	EW638144
	BEAB	Cord Set BEAB (2 cores)	2P	EW302995
	SAA	Cord Set SAA (2 cores)	2P	EW302991
	U/T	Cord Set U/T (2 cores)	2P	EW302899

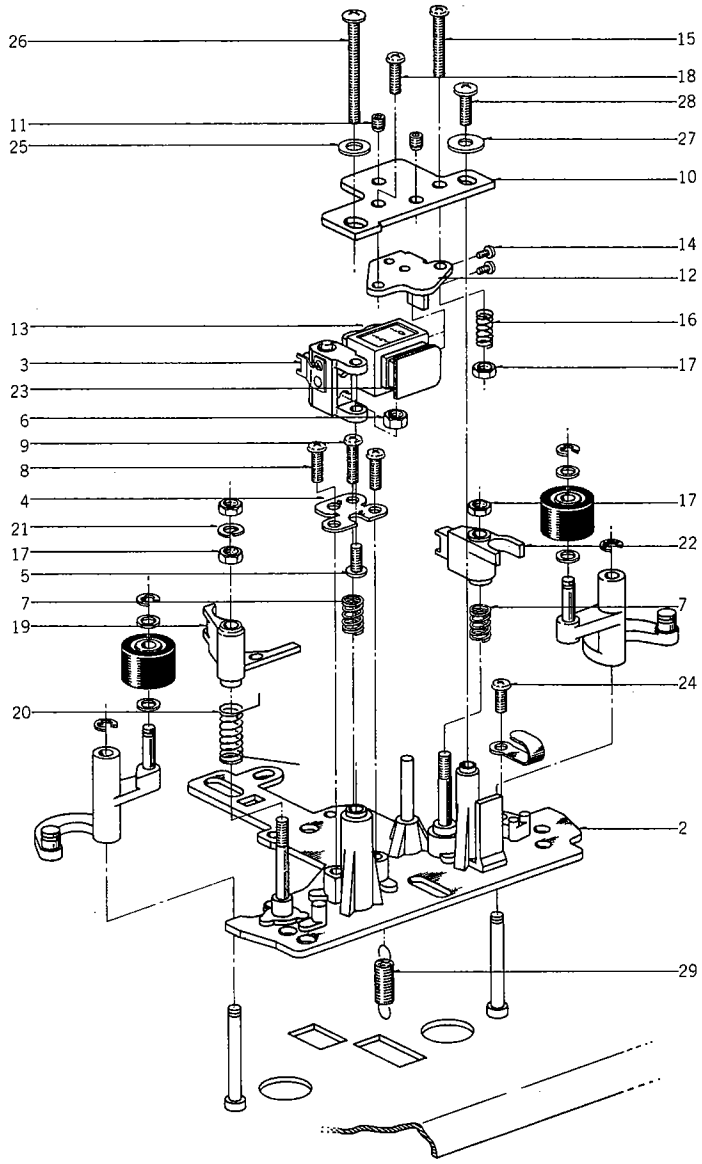
1. RECOMMENDED SPARE PARTS LIST

Because, if the parts listed below are on hand, almost any repair can be accomplished, we suggest that you stock these Recommended Spare Parts Items.

Parts No.	Description	Note
BA304069	Pre Amp P.C Board Comp. GXC-750D	
BA304037	Sys. Con P.C Board Comp. GXC-750D	
BA304034	Power Supply P.C Board Comp. GXC-750D (U/T, CEE, BEAB)	
BA304035	Power Supply P.C Board Comp. GXC-750D (JPN, CSA, AAL, SAA)	
BA304036	Meter Amp P.C Board Comp. GXC-750D	
BA303612	Noise Filter P.C Board Comp. GXC-750D	
BM302507	Reel Motor RF-510TD	
BM303321	Capstan Motor Block Comp. GXC-750D	
BT303989	⚠ Power Trans. CBT-35 (U/T, CEE)	T901
BT302631	⚠ Power Trans. CBT-32 (JPN)	T901
BT302633	⚠ Power Trans. CBT-34 (CSA, AAL)	T901
BT303988	⚠ Power Trans. CBT-31 (SAA)	T901
ED624903	Silicon Diode 1S2473	
ED560913	Silicon Diode 1S2473VE	
ED224526	Silicon Diode 10D1	
ED249581	Silicon Diode SIQB20 0.6A 200V (RED)	
ED304658	Silicon Diode SIRBA20 200V (RED)	
ED219464	Germanium Diode 1N34A	
ED562397	Germanium Diode 1S188FM-1	
ED305239	Zener Diode WZ-182	
ED304656	Zener Diode RD-3E (B)	
ED304247	Zener Diode RD-13E (B) (C)	
ED304246	Zener Diode RD-16E (B) (C)	
ED557111	Zener Diode WZ-210	
ED283138	LED GL-3PG1	
EI669666	IC μPC1023H	IC1 (CB-5207)
EI302623	IC TA-7139P	IC1 (CB-5201A)
EI301463	Dolby IC CR-713B	IC2, 3 (CB-5201A)
EI304190	IC TA-7140P	IC4 (CB-5201A)
EI304657	IC TC-4011P	IC1 to 3, 5 (CB-5202)
EI304165	IC MB400/7400	IC4 (CB-5202)
EI304173	IC μA78M05CKC	IC1 (CB-5203)
EI304174	IC μA7824CKC	IC2, 3 (CB-5203)
EL304025	Lamp (No. 2) 10V 110mA	
EP302445	Plunger Solenoid P-120F	
EP302690	Plunger Solenoid TDS-12E	
ES302940	Micro SW. SS-5GLC	SW902
ES305231	Micro SW. AH7450261	SW903
ES302448	Leaf SW. BSW-81	SW905
ES303985	Rotary Slide SW. SRZ-V104S	SW1 (CB-5201A)

Parts No.	Description	Note
ES691424	Lever SW. SLK04251	SW2 (CB-5207)
ES303986	Push SW. SUE-33	SW2 to 4 (CB-5201A)
ES303981	Push SW. SUE-12	SW1 (CB-5207)
ES665807	⚠ Push SW. SDG-5P 5A/80A 250V (U/T, CEE, BEAB)	SW906
ES293703	⚠ Push SW. SDV1P TV-5 (w/o label) (JPN, SAA, CSA)	SW906
ES280258	⚠ Push SW. SDV1P TV-5 (w/label) (AAL)	SW906
ES517410	Push SW. SPJ-10101	
ET554657	Transistor 2SA733 (P) (Q)	
ET304180	Transistor 2SA906 (H)	
ET302540	Transistor 2SB525 (E1)	
ET666415	Transistor 2SB605 (K) (L)	
ET563905	Transistor 2SC711 (G) (H)	
ET429748	Transistor 2SC711 (H)	
ET399870	Transistor 2SC711 (G)	
ET398777	Transistor 2SC711 (G) (F)	
ET621268	Transistor 2SC711 (F) (G) (H)	
ET639437	Transistor 2SC945L (Q) (P)	
ET635220	Transistor 2SC945L (K) (P)	
ET638504	Transistor 2SC945L (P)	
ET361923	Transistor 2SC536 (E)	
ET242684	Transistor 2SC1312S (H)	
ET539864	Transistor 2SC1312R (H)	
ET352146	Transistor 2SC458LG (D)	
ET304181	Transistor 2SC2002 (K)	
ET304167	Transistor 2SD439 (F)	
ET302538	Transistor 2SD355 (E1)	
ET655356	Transistor 2SD571 (L) (M)	
ET302300	Transistor 2SD355 (D2) (E1)	
ET669633	FET 2SK68A (L) (M)	
EV520806	Semi-fixed/Vol. V8K4-1 10k (B)	VR1 (CB-5201A)
EV522797	Semi-fixed/Vol. V8K4-1 20k (B)	VR2 (CB-5201A)
EV464220	Semi-fixed/Vol. V8K4-1 50k (B)	
EV269572	Semi-fixed/Vol. V10K8-4-2 2k (B)	VR6 (CB-5201A)
EV484863	Semi-fixed/Vol. V10K8-4-2 1k (B)	VR8 (CB-5201A)
EV499882	Semi-fixed/Vol. V10K8-4-2 300k (B)	VR9, 10 (CB-5201A)
EV303984	Vol. VM10R 10k (B)	VR3 (CB-5201A)
EV303987	Double axial 2 throw Vol. DM20R 100k(A)×2	VR4, 5 (CB-5201A)
EV303982	Vol. CM70R 10k(B)×2	VR3 (CB-5207)
EZ304894	Rotary SW. Assy GXC-750D	SW901
HE636963	ERASE HEAD E4-165	
HP671174	REC/PB HEAD PR4-2	
MB302211	Counter Belt	
MB302316	Capstan Belt	

2. ILLUSTRATION OF HEAD BASE BLOCK

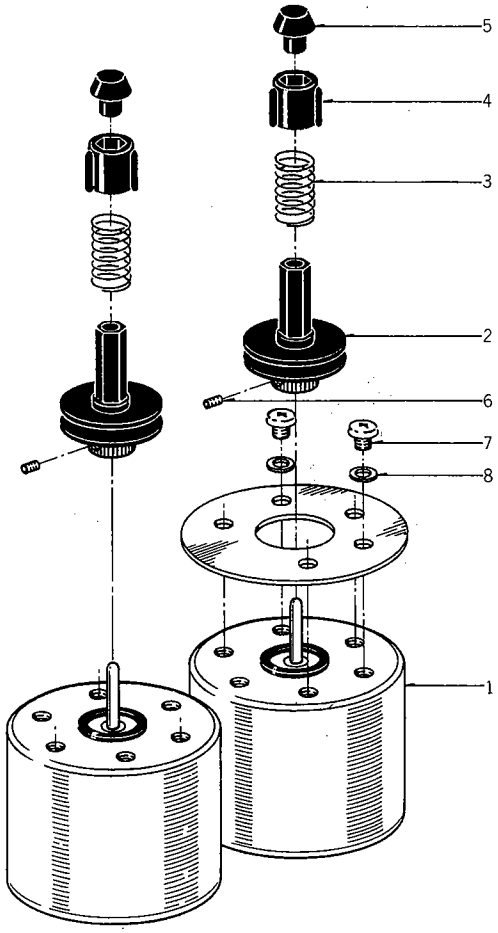


2) HEAD BASE BLOCK

Ref. No.	Parts No.	Description	Schematic No.
2-1x	BH302650	Head Base Block Comp. GXC-570D-2	
2-2	HZ302385	Head Base Part-G CI-2	CI-0201
2-3	HE636963	ERASE HEAD E4-165	
2-4	HZ227103	Erase Head Plate (B)	CA-0213
2-5	ZS375118	Screw, binding head 2.3x6	
2-6	ZW699052	Nut, M2.3 D2.3x5x2.3t	
2-7	ZG289236	Tape Guide Spring	CM-0005
2-8	ZS522180	Tapping Screw #2, 2x8 (Pan)	
2-9	ZS302510	Screw, pan head 2x10	
2-10	HZ302183	Head Hanger (C)	CI-0209
2-11	ZS356804	Set Screw, hexagon socket 3x4 (CUP/P.)	
2-12	HZ302180	Head Mt. Parts	CI-0205
2-13	HP671174	REC/PB HEAD PR4-2	
2-14	ZS300626	Screw, pan head 2x2.5 (Camera Standard)	
2-15	ZS670004	Screw, pan head 2.3x16	
2-16	ZS465636	Angle Adjust Spring	CG-0029
2-17	ZW591265	Nut M2.3, #3	
2-18	ZS487091	Screw, pan head 2.3x8	
2-19	HZ302181	Tape Guide (C)	CI-0207
2-20	ZG302182	Guide Spring	CI-0208
2-21	ZW273666	Spring Washer, M2.3	
2-22	TC286007	Tape Guide (B)	CM-0002
2-23	EA669510	PR4-1 Terminal P.C Board	CW-0045
2-24	ZS669104	Tapping Screw #2, 2.3x6 (Pan)	
2-25	ZW452395	Washer (SPC) D2.3x7x0.5t	
2-26	ZS302425	Head Hanger Screw	CI-0210
2-27	ZW550642	Washer (SPC) D3.1x8x0.5t	
2-28	ZS300436	Tapping Screw #2, 2.3x8 (Bind)	
2-29	ZG595506	Stop Spring	CH-3007

When ordering parts, please describe Parts Number, Description, and Model Number in detail.

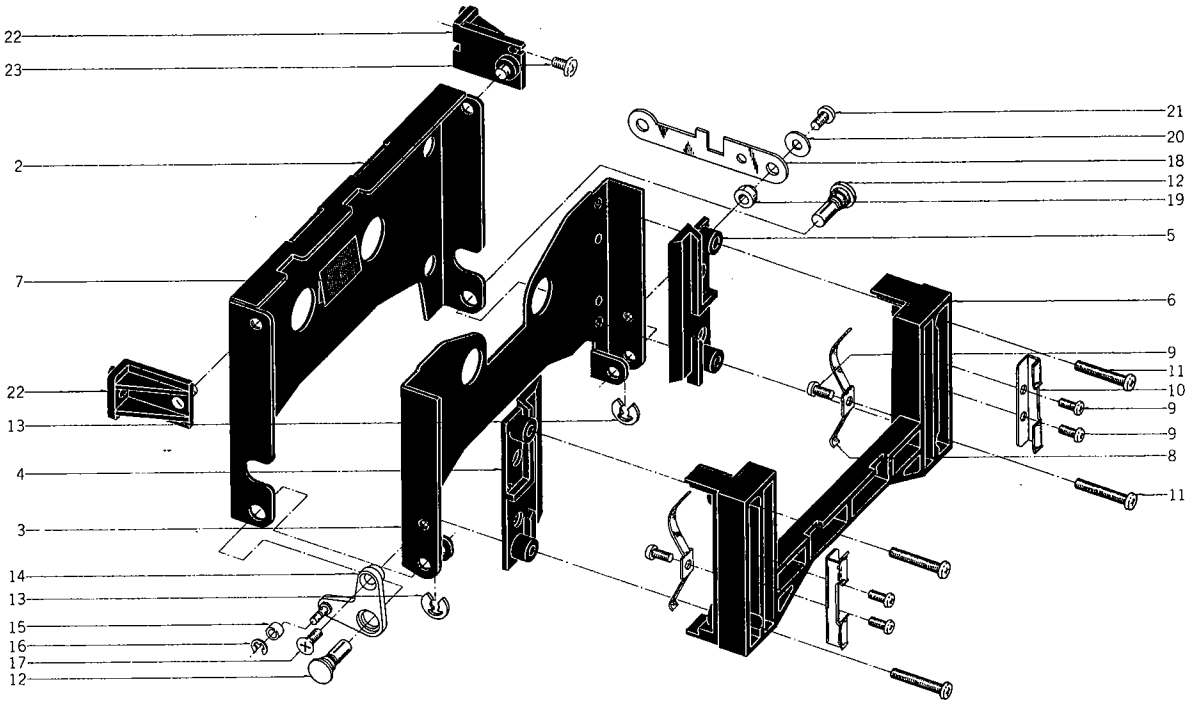
3. ILLUSTRATION OF REEL TABLE BLOCK



3) REEL TABLE BLOCK

Ref. No.	Parts No.	Description	Schematic No.
3-1	BM302507	Reel Motor RF-510TD	9-2-13
3-2	MT302244	Reel Table Part-G GI-2	CI-2205
3-3	ZG302350	Reel Table Spring	CI-2217
3-4	MT605766	Reel Table Blade (V Type)	CH-1070
3-5	MT667912	Reel Table Top	CB-2019
3-6	ZS302938	Set Screw, hexagon socket 2x3 (WP)	
3-7	ZS608174	Screw, pan head 2.6x3 (Take-up)	
3-8	ZW318014	Washer (BSP) D2.6x4.5x0.4t (Take-up)	

4. ILLUSTRATION OF CASSETTE HOLDER BLOCK

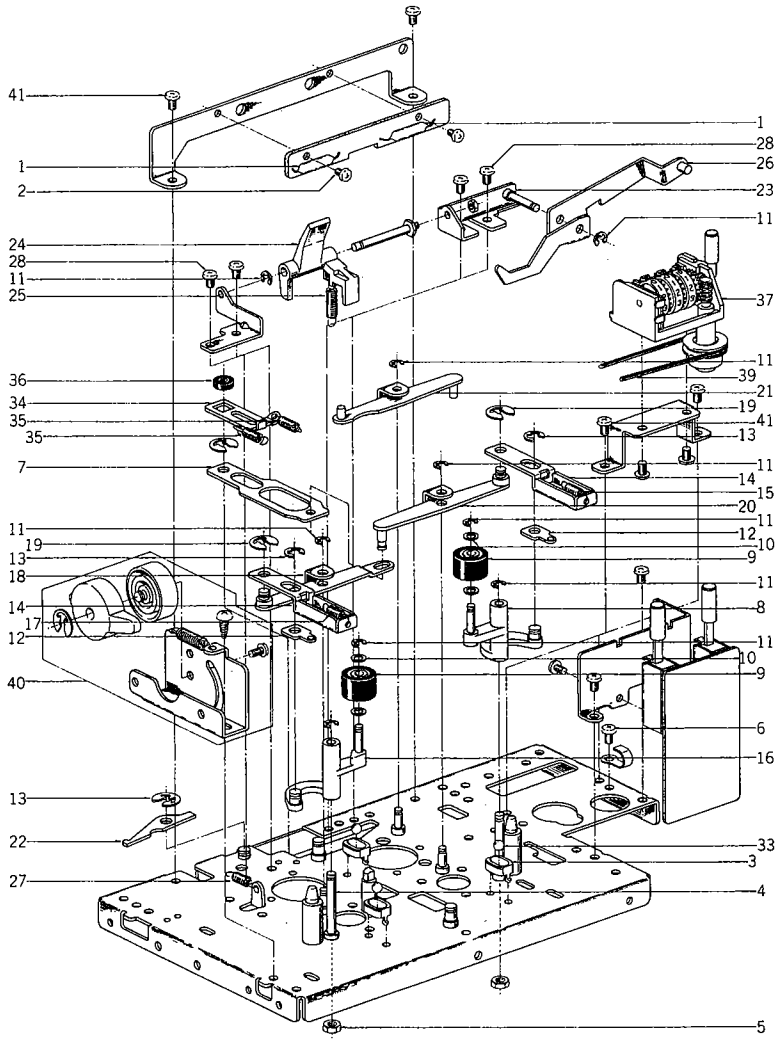


4) CASSETTE HOLDER BLOCK

Ref. No.	Parts No.	Description	Schematic No.
4-1x	BZ302234	Cassette Holder Block Comp. GXC-570D-2	
4-2	TC302245	Trap Part CI-2	CI-2211
4-3	TC292285	Cassette Holder	CA-2023
4-4	MS595563	Cassette Guide (L)	CH-2007
4-5	MS595552	Cassette Guide (R)	CH-2006
4-6	TC647065	Cassette Case	CA-2024
4-7	TC645186	Reflector	CA-2071
4-8	ZG305459	Sheet Spring (C)	CI-2019
4-9	ZS669104	Tapping Screw #2, 2.3x6 (Pan)	
4-10	TC642148	Lid Chuck	CA-2026
4-11	ZS592402	Screw, pan head 3x18	
4-12	MH644916	Hinge Pin	CA-2028
4-13	ZW290283	'U' Ring 2.85M	6-1-1
4-14	ML302246	Eject Guide Arm Part CI-2	CI-2212
4-15	MR305435	Roller	CB-2225
4-16	ZW270088	'E' Ring 1.9M	6-1-9
4-17	ZS414033	Screw, countersunk head 3x8	
4-18	MZ302311	Joint	CI-1249
4-19	MH302312	Sleeve	CI-1250
4-20	ZW550642	Washer (SPC) D3.1x8x0.5t	
4-21	ZS379350	Screw, pan head 3x6	
4-22	TC302142	Stand Part-G GXC-570D-2	CI-1220
4-23	ZS323728	Screw, binding head 3x5	
4-24x	ZW270101	'E' Ring 3M	6-1-9

When ordering parts, please describe Parts Number, Description, and Model Number in detail.

5. ILLUSTRATION OF MECHA FRAME BLOCK (1)

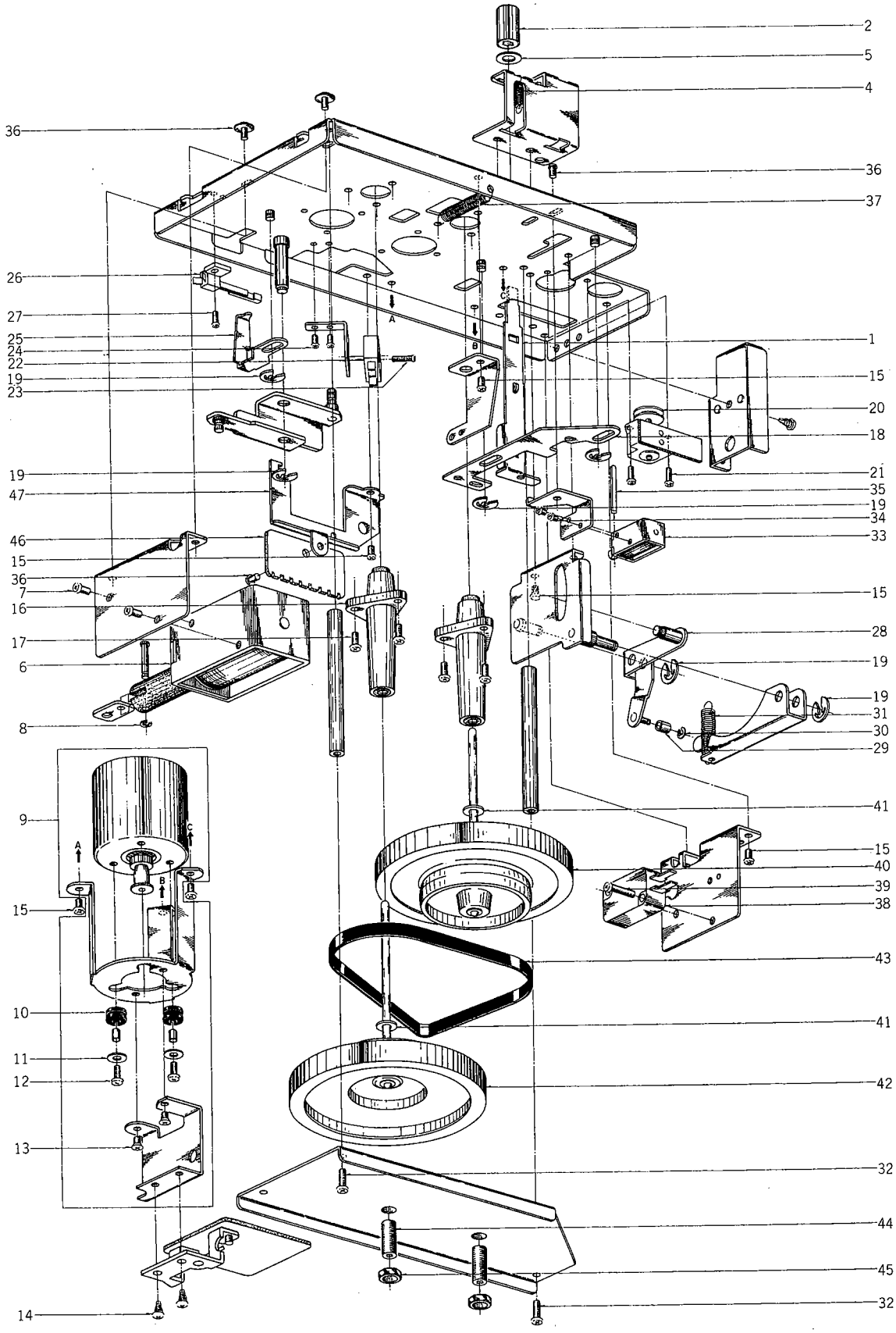


5) MECHA FRAME BLOCK (1)

Ref. No.	Parts No.	Description	Schematic No.
		HOUSING LAMP P.C BOARD BLOCK	
5-1	EL304025	Lamp (No. 2) 10V 110mA	28-2-66
5-2	ZS417251	Screw, binding head 2.3x3	
		MECHA FRAME BLOCK	
5-3	MS302191	Ball Guide	CI-1209
5-4	MS302190	Pinch Roller Stud	CI-1208
5-5	ZW273756	Nut M3, #1	
5-6	ZS417216	Screw, pan head 3x4	
5-7	MZ302192	P Joint	CI-1210
5-8	TC302134	PW Arm (R) Part GXC-570D-2	CI-1216
5-9	MP612628	Pinch Roller Part CW	CW-0010
5-10	ZW282407	Push Washer (B)	CN-1056
5-11	ZW270088	'E' Ring 1.9M	6-1-9
5-12	MZ302320	Clutch Plate	CI-1260
5-13	ZW270101	'E' Ring 3M	6-1-9
5-14	ML302199	P Slide	CI-1219
5-15	ZG302349	Pinch Roller Spring (R)	CI-1266
5-16	TC302135	PW Arm (L) Part GXC-570D-2	CI-1218
5-17	ZG302644	Pinch Roller Spring (L)	CI-1269
5-18	ML302136	P Lever (B) Part GXC-570D-2	CI-1214
5-19	ZW290283	'U' Ring 2.85M	6-1-1
5-20	ML302137	P Lever (A) Part GXC-570D-2	CI-1211
5-21	ML302138	Play Arm Part GXC-570D-2	CI-1215
5-22	ML302208	Magnification Lever	CI-1227
5-23	ML302139	Hold Bracket Part-G GXC-570D-2	CI-1223
5-24	TC302206	Cassette Push	CI-1226
5-25	ZG595506	Stop Spring	CH-3007
5-26	ML302141	UP Lever Part GXC-570D-2	CI-1228
5-27	ZG394378	Return Spring	CS-2106
5-28	ZS200384	Screw, countersunk head 3x6	
5-29x	TC302142	Stand Part-G GXC-570D-2	CI-1220
5-30x	ZS323728	Screw, binding head 3x5	
5-31x	ZS592378	Screw, pan head 2.6x3	
5-32x	ZS432843	Screw, pan head 2.6x4	
5-33	MV269965	Steel Ball D4	
5-34	HZ302202	Head Clutch Plate	CI-1222
5-35	ZG445410	Slide Spring	DF-5036
5-36	MZ302351	Rubber Bush	CI-1268
5-37	MC304094	Counter GXC-750D	9-1-57
5-38x	MC305453	Counter GXC-750D-BL	9-1-60
5-39	MB302211	Counter Belt	CI-1230
5-40	TC302695	Oil Clutch (C) Comp.-G GXC-570D-2	CI-2218
5-41	ZS417216	Screw, pan head 3x4	

When ordering parts, please describe Parts Number, Description, and Model Number in detail.

6. ILLUSTRATION OF MECHA FRAME BLOCK (2)



6) MECHA FRAME BLOCK (2)

Ref. No.	Parts No.	Description	
	EJECT KEY BLOCK		
6-1	TC302329	Eject Key	CI-2208
6-2	SK303165	Push Button (A) GXC-709D	CM-6060
6-3x	SK305160	Push Button (C) GXC-709D-BL	CM-6060
6-4	ZG387178	Idler Tension Spring	CS-1106
6-5	ZW376402	Washer (Fiber) D5.1x10.3x1t	
	PLUNGER BLOCK		
6-6	EP302690	Plunger Solenoid TDS-12E	44-1-95
6-7	ZS422076	Screw, pan head 3x5	
6-8	ZW270088	'E' Ring 1.9M	6-1-9
	CAPSTAN MOTOR BLOCK		
6-9	BM303321	Capstan Motor Block Comp. GXC-750D	CI-1270
6-10	MB282778	Rubber Bush	CN-7003
6-11	ZW550697	Washer (SPC) D2.9x7.4x0.5t	
6-12	ZS608220	Screw, pan head 2.6x6	
6-13	ZS444330	Screw, countersunk head 3x4	
6-14	ZS325495	Tapping Screw #2, 3x6 (BR)	
	MECHA FRAME BLOCK		
6-15	ZS417216	Screw, pan head 3x4	
6-16	MV302652	Metal Case Part GXC-570D-2	CI-1233
6-17	ZS379350	Screw, pan head 3x6	
6-18	ML302216	Play Slide	CI-1236
6-19	ZW290283	'U' Ring 2.85M	6-1-1
6-20	EZ304894	Rotary SW. Assy GXC-750D	CB-9805
6-21	ZS608106	Screw, pan head 2x6	
6-22	ES302940	Micro SW. SS-5GLC	25-1-46
6-23	ZS465298	Screw, pan head 2.3x10	
6-24	ZS460440	Screw, pan head 2x4	
6-25	ML302213	Detection Lever	CI-1232
6-26	ES302448	Leaf SW. BSW-81	25-10-28
6-27	ZS537085	Screw, binding head 2x5	
6-28	ML302653	Lock Lever (B) Part GXC-570D-2	CI-1244
6-29	MR302309	Roller (1)	CI-1247
6-30	ZW391397	'E' Ring 1.2M	6-1-9
6-31	ZG580768	Spoke Spring	TD-2077
6-32	ZS421806	Screw, pan head 3x8	
6-33	EP302445	Plunger Solenoid P-120F	44-1-90
6-34	ZS300626	Screw, pan head 2x2.5 (Camera Standard)	
6-35	MH302446	Spring Pin SPP 2x20	
6-36	ZS608321	Screw, pan head 3x6, W=8	
6-37	ZG317114	Tension Lever Spring	MR-39
6-38	ES305231	Micro SW. AH7450261	25-1-48
6-39	ZS419670	Screw, pan head 3x12	
6-40	BF302647	Flywheel(B) Part-G GXC-570D-2	CI-1255
6-41	ZW302401	Washer (Nylon)	CI-1267
6-42	BF302648	Flywheel(A) Part-G GXC-570D-2	CI-1253
6-43	MB302316	Capstan Belt	CI-1256
6-44	ZS302318	Holder Screw	CI-1258
6-45	ZW303680	Metal Nut	CI-1273
6-46	BA303612	Noise Filter P.C Board Comp. GXC-750D	CB-9811
6-47	ML302402	Noise Filter Bracket	CI-2210

7. P.C BOARDS

(1) PRE AMP P.C BOARD (CB-5201A) BLOCK

Symbol No.	Parts No.	Description	Schematic No.
(1)-1	BA304069	Pre Amp P.C Board Comp. GXC-750D	
(1)-IC1	EI302623	IC TA-7139P	45-8-227
(1)-IC2,3	EI301463	Dolby IC CR-713B	45-8-225
(1)-IC4	EI304190	IC TA-7140P	45-8-237
(1)-TR1	ET304180	Transistor 2SA906 (H)	45-1-280
(1)-TR2,3	ET352146	Transistor 2SC458LG (D)	45-1-29
(1)-TR4	ET539864	Transistor 2SC1312R (H)	45-1-133
(1)-TR5	ET669633	FET 2SK68A (L) (M)	45-12-9
(1)-TR6to9	ET639437	Transistor 2SC945L (Q) (P)	45-1-85
(1)-TR10	ET539864	Transistor 2SC1312R (H)	45-1-133
(1)-TR11	ET655356	Transistor 2SD571 (L)(M)	45-1-218
(1)-TR12	ET639437	Transistor 2SC945L (Q) (P)	45-1-85
(1)-TR13,14	ET304181	Transistor 2SC2002 (K)	45-1-281
(1)-D1,2	ED417442	Germanium Diode 1N34A	45-3-14
(1)-D3,4	ED304656	Zener Diode RD-3E (B)	45-6-72
(1)-D5to8	ED560913	Silicon Diode 1S2473VE	45-3-23
(1)-D9	ED557111	Zener Diode WZ-210	45-6-67
(1)-D10to12	ED560913	Silicon Diode 1S2473VE	45-3-23
(1)-T1	EO383365	OSC Coil OT-204	23-4-20
(1)-SW1	ES303985	Rotary Slide SW. SRZ-V104S	25-6-115
(1)-SW2to4	ES303986	Push SW. SUE-33	25-5-265
(1)-VR1	EV520806	Semi-fixed/Vol. V8K4-1 10k (B)	36-10-266
(1)-VR2	EV522797	Semi-fixed/Vol. V8K4-1 20k (B)	36-10-266
(1)-VR3	EV303984	Vol. VM10R 10k (B)	36-6-32
(1)-VR4,5	EV303987	Double axial 2 throw Vol. DM20R 100k(A)x2	36-18-7
(1)-VR6	EV269572	Semi-fixed/Vol. V10K8-4-2 2k (B)	36-10-250
(1)-VR7	EV484863	Semi-fixed/Vol. V10K8-4-2 1k (B)	36-10-250
(1)-VR8	EV269572	Semi-fixed/Vol. V10K8-4-2 2k (B)	36-10-250
(1)-VR9,10	EV499882	Semi-fixed/Vol. V10K8-4-2 300k (B)	36-10-250
(1)-VL1	EO346230	Inductor RX 22MH	23-1-15
(1)-VL2	EO692741	Ferri Inductor 33Y-740	23-1-254
(1)-L3	EO301711	Coil RX-9P 3.3MH (J)	23-1-275
(1)-L4	EO663748	Inductor RCP-095 36MH (J)	23-1-245
(1)-L5	EO301711	Coil RX-9P 3.3MH (J)	23-1-275
(1)-FL1,2	ER300433	Dolby Filter KM-10D100B	53-1-115
(1)-FL3	ER283105	Dolby Filter KM-10D19B	53-1-115
(1)-2	ZS422076	Screw, pan head 3x5	
(1)-3	TC303943	Shield Plate	CB-5209
(1)-R89	ER301469	Metal Oxide Film/R. 2W 390 ohms (J)	35-15-8
(1)-R110	ER304221	Metal Oxide Film/R. 2W 470 ohms (J)	35-15-8
(1)-R111	ER678576	Metal Oxide Film/R. 2W 220 ohms (J)	35-15-8
(1)-R112	ER305273	Cement/R. (Metal Ox. Film/T.) 5W 180 ohms (J)	35-16-77
(1)-R113	ER265048	Metal Oxide Film/R. 2W 270 ohms (J)	35-15-8
(1)-R114	ER301441	Metal Oxide Film/R. 2W 330 ohms (J)	35-15-8
		Capacitor, Vertical Type	
(1)-C1	EC304187	Elect. 100μF 16WV NL	24-20-4
(1)-C3	EC432810	Elect. 10μF 16WV NL	24-20-4
(1)-C4	EC513990	Styrol 330PF (J) 50WV	24-11-3
(1)-C5	EC304188	Elect. 100μF 10WV NL	24-20-4
(1)-C8	EC604102	Solid Aluminum 0.33μF (K) 25WV	24-19-2
(1)-C10	EC562678	Styrol 750PF (J) 50WV	24-11-3
(1)-C16	EC412593	Styrol 820PF (J) 50WV	24-11-3
(1)-C26	EC304186	NP Elect. 10μF (M) 16WV	24-17-26
(1)-C27	EC523282	Solid Aluminum 0.1μF(M) 25WV	24-19-2
(1)-C28	EC604440	Solid Aluminum 0.33μF (M) 25WV	24-19-2
(1)-C30	EC476954	Elect. 100μF 25WV NL	24-20-4
(1)-C31	EC405898	Styrol 470PF (J) 50WV	24-11-3
(1)-C31	EC515845	Styrol 450PF (J) 50WV	24-11-3
(1)-C33	EC304431	Tantalum (D Type) 22μF (M) 6.3WV	24-15-12
(1)-C36	EC493323	Elect. 1μF 25WV NL	24-20-4
(1)-C46	EC493323	Elect. 1μF 25WV NL	24-20-4
(1)-C48	EC304186	NP Elect. 10μF(M)16WV	24-17-26
(1)-C49	EC523282	Solid Aluminum 0.1μF (M) 25WV	24-19-2
(1)-C50	EC604440	Solid Aluminum 0.33μF (M) 25WV	24-19-2
(1)-C51	EC450270	Elect. 1000μF 25WV	24-12-9
(1)-C53	EC621257	Solid Aluminum 0.47μF (M) 25WV	24-19-2
(1)-C62	EC515845	Styrol 450PF (J) 50WV	24-11-3
(1)-C67	EC601132	NP 0.47μF (M) 50WV	24-17-26
(1)-C70	EC434070	Styrol 680PF (J) 50WV	24-11-3
(1)-C77	EC657066	Solid Aluminum 0.15μF (M) 25WV	24-19-2
(1)-C79	EC434070	Styrol 680PF (J) 50WV	24-11-3
(1)-C80	EC392005	Mylar 0.001μF (J) 50WV	24-1-5
(1)-C82	EC412593	Styrol 820PF (J) 50WV	24-11-3
(1)-C87	EC515845	Styrol 450PF (J) 50WV	24-11-3
(1)-C104	EC304220	Styrol 2200PF (J) 500WV	24-11-3
(1)-C114	EC637075	Styrol 180PF (J) 50WV	24-11-3

When ordering parts, please describe Parts Number, Description, and Model Number in detail.

(2) SYS. CON P.C BOARD (CB-5202) BLOCK

Symbol No.	Parts No.	Description	Schematic No.
(2)-1	BA304037	Sys. Con P.C Board Comp. GXC-750D	
(2)-IC1to3	EI304657	IC TC-4011P	45-8-232
(2)-IC4	EI304165	IC MB400/7400	45-8-252
(2)-IC5	EI304657	IC TC-4011P	45-8-232
(2)-TR1	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR2	ET635220	Transistor 2SC945L (K)(P)	45-1-85
(2)-TR3,4	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR5	ET429748	Transistor 2SC711(H)	45-1-67
(2)-TR6	ET666415	Transistor 2SB605(K)(L)	45-1-225
(2)-TR7	ET302300	Transistor 2SD355 (D2)(E1)	45-1-269
(2)-TR8	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR9	ET361923	Transistor 2SC536(E)	45-1-55
(2)-TR10	ET666415	Transistor 2SB605(K)(L)	45-1-225
(2)-TR11	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR12	ET304167	Transistor 2SD439(F)	45-1-282
(2)-TR13,14	ET302300	Transistor 2SD355 (D2)(E1)	45-1-269
(2)-TR15to18	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR19	ET399870	Transistor 2SC711(G)	45-1-67
(2)-TR20	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR21,22	ET621268	Transistor 2SC711 (F)(G)(H)	45-1-67
(2)-TR23	ET398777	Transistor 2SC711(G)(F)	45-1-67
(2)-TR24	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-TR25	ET242684	Transistor 2SC1312S(H)	45-1-182
(2)-TR26	ET399870	Transistor 2SC711(G)	45-1-67
(2)-TR27	ET429748	Transistor 2SC711(H)	45-1-67
(2)-TR28,29	ET399870	Transistor 2SC711(G)	45-1-67
(2)-TR30to36	ET563905	Transistor 2SC711(G)(H)	45-1-67
(2)-D1,2	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D3	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D4,5	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D6	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D7	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D8	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D9	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D10to19	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D20	ED304246	Zener Diode RD-16E (B)(C)	45-6-72
(2)-D21to23	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D24to28	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D29	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D30,31	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D33,34	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D35,36	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D37	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D38	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D39to46	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D47	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D48	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D49	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D50	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D51	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D52	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D53,54	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D55	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D56,57	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D58	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D60,61	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D62	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D63	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D64	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D65	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D66	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D67,68	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D69	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D70,71	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D72	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D73	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D74	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D75	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D76	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-D77	ED624903	Silicon Diode 1S2473	45-3-28
(2)-D78,79	ED560913	Silicon Diode 1S2473VE	45-3-23
(2)-D80	ED562397	Germanium Diode 1S188FM-1	45-3-25
(2)-2	ZS379350	Screw, pan head 3x6	
(2)-3	ZW516611	Nut M3	
(2)-4	ZS325495	Tapping Screw #2, 3x6 (BR)	
(2)-5	ZS447840	Tapping Screw #2, 3x8 (BR)	
(2)-6	ZW273802	Toothed Lock Washer, M3	
(2)-7	EJ304317	Mini. Connecton, 3021-14	31-1-176
(2)-8	EJ281057	Mini. Connecton Terminal 2759-PBT2	32-1-77
(2)-R24	ER265004	Metal Oxide Film/R. 2W 270 ohms (J)	35-15-18
(2)-R25	ER301441	Metal Oxide Film/R. 2W 330 ohms (J)	35-15-8
(2)-R26	ER624756	Metal Oxide Film/R. 2W 330 ohms (J)	35-15-18
(2)-R901	ER304852	Cement/R. H10A 43 ohms (K)	35-16-22
		Capacitor, Vertical Type	
(2)-C8	EC604440	Solid Aluminum 0.33μF (M) 25WV	24-19-2
(2)-C9	EC662308	Solid Aluminum 0.15μF (K) 25WV	24-19-2
(2)-C10	EC621257	Solid Aluminum 0.47μF (M) 25WV	24-19-2
(2)-C20	EC522167	Solid Aluminum 0.22μF (M) 25WV	24-19-2
(2)-C21	EC621257	Solid Aluminum 0.47μF (M) 25WV	24-19-2
(2)-C25	EC523282	Solid Aluminum 0.1μF (M) 25WV	24-19-2
(2)-C28	EC662308	Solid Aluminum 0.15μF (K) 25WV	24-19-2
(2)-C33,34	EC304252	NP Elect. 47μF(M) 6.3WV	24-17-26

When ordering parts, please describe Parts Number, Description, and Model Number in detail.

(3) POWER SUPPLY P.C BOARD (CB-5203) BLOCK

Symbol No.	Parts No.	Description	Schematic No.
(3)-1	BA304034	Power Supply P.C Board Comp. GXC-750D (U/T) (CEE, BEAB)	CB-9854
(3)-2	BA304035	Power Supply P.C Board Comp. GXC-750D (JPN) (SAA, CSA, AAL)	CB-9854
(3)-IC1	EI304173	IC μA78M05CKC	45-8-245
(3)-IC2,3	EI304174	IC μA7824CKC	45-8-231
(3)-TR1	ET666415	Transistor 2SB605(K)(L)	45-1-225
(3)-TR2	ET554657	Transistor 2SA733(P)(Q)	45-1-124
(3)-TR3	ET563905	Transistor 2SC711(G)(H)	45-1-67
(3)-TR4	ET554657	Transistor 2SA733(P)(Q)	45-1-124
(3)-TR5	ET304167	Transistor 2SD439(F)	45-1-282
(3)-TR6	ET563905	Transistor 2SC711(G)(H)	45-1-67
(3)-TR7	ET554657	Transistor 2SA733(P)(Q)	45-1-124
(3)-D1	ED249581	Silicon Diode SIQB20 0.6A 200V (RED)	45-2-74
(3)-D2	ED304658	Silicon Diode SIRBA20 200V (RED)	45-2-76
(3)-D3	ED249581	Silicon Diode SIQB20 0.6A 200V (RED)	45-2-74
(3)-D4	ED224526	Silicon Diode 10D1	45-2-11
(3)-D5,6	ED560913	Silicon Diode 1S2473VE	45-3-23
(3)-D7	ED219464	Germanium Diode 1N34A	45-3-1
(3)-D8	ED304247	Zener Diode RD-13E(B)(C)	45-6-72
(3)-D9	ED560913	Silicon Diode 1S2473VE	45-3-23
(3)-D10	ED219464	Germanium Diode 1N34A	45-3-1
(3)-D11,12	ED560913	Silicon Diode 1S2473VE	45-3-23
(3)-3	ZS422076	Screw, pan head 3x5	
(3)-4	ZS421806	Screw, pan head 3x8	
(3)-5	ZS379350	Screw, pan head 3x6	
(3)-R4	ER304175	Metal Oxide Film/R. 2W 150 ohms (J)	35-15-18
(3)-R11	ER304176	Carbon/R. (Insu. Type) (F) 1/4W 2.2 ohms (J)	35-11-12
		Capacitor, Vertical Type	
(3)-C2	EC565345	Elect. 1000μF 50WV	24-12-9
(3)-C4	EC565345	Elect. 1000μF 50WV	24-12-9
(3)-C5,6	EC657966	Elect. 2200μF 25WV	24-12-9
(3)-C7	EC321186	Elect. 1000μF 6.3WV	24-12-9

(4) NOISE FILTER P.C BOARD (CB-5204) BLOCK

Symbol No.	Parts No.	Description	Schematic No.
(4)-L1to4	EO669273	Inductor FL5R-200	23-1-248
(4)-1	ZS608321	Screw, pan head 3x6, W=8	

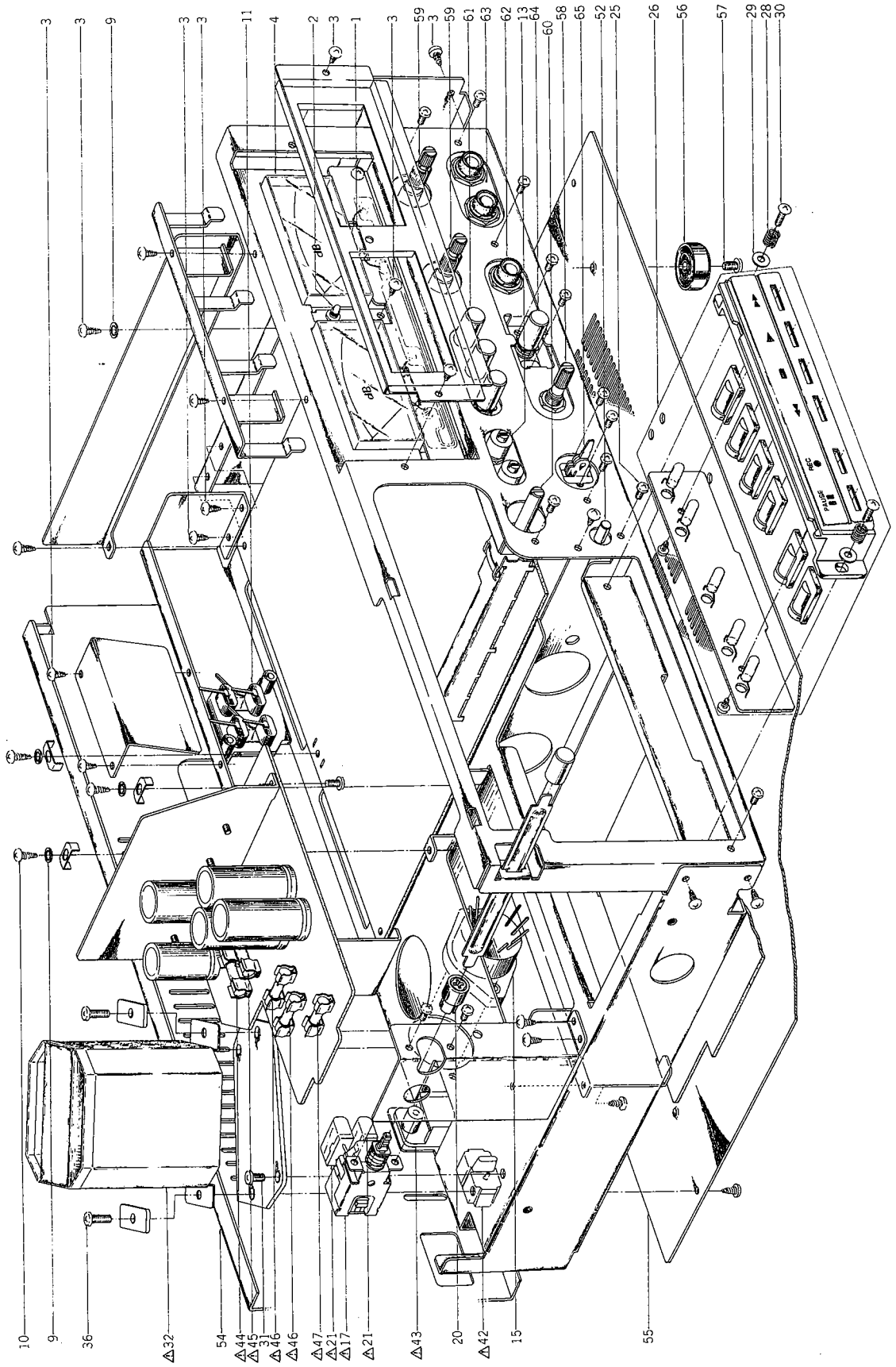
When ordering parts, please describe Parts Number, Description, and Model Number in detail.

(5) METER AMP P.C BOARD (CB-5207)

BLOCK

Symbol No.	Parts No.	Description	Schematic No.
(5)-1	BA304036	Meter Amp P.C Board Comp. GXC-750D	CB-9853
(5)-IC1	EI669666	IC μPC1023H	45-8-164
(5)-TR1to3	ET638504	Transistor 2SC945L(P)	45-1-85
(5)-TR4	ET302538	Transistor 2SD355(E1)	45-1-269
(5)-TR5	ET302540	Transistor 2SB525(E1)	45-1-270
(5)-TR6	ET638504	Transistor 2SC945L(P)	45-1-85
(5)-TR7,8	ET539864	Transistor 2SC1312R(H)	45-1-133
(5)-TR9	ET669633	FET 2SK68A(L)(M)	45-12-9
(5)-TR10	ET638504	Transistor 2SC945L(P)	45-1-85
(5)-D1to6	ED560913	Silicon Diode 1S2473VE	45-3-23
(5)-D7	ED305239	Zener Diode WZ-182	45-6-67
(5)-J1	EJ304018	Headphone Jack HLJ0213-01-2	31-2-84
(5)-J2,3	EJ304019	Mic. Jack HLJ0264-01-030	31-2-85
(5)-SW1	ES303981	Push SW. SUE-12	25-5-266
(5)-SW2	ES691424	Lever SW. SLK04251	25-12-26
(5)-VR1,2	EV464220	Semi-fixed/Vol. V8K4-1 50k(B)	36-10-266
(5)-VR3	EV303982	Vol. CM70R 10k(B)×2	36-22-34
(5)-2	ZS422076	Screw, pan head 3×5	
(5)-C2	EC572793	Styrol/C. (Vert. Type) 250PF(J) 50WV	24-11-3
(5)-C5	EC621257	Solid Aluminum/C. (Vert. Type) 0.47μF(M) 25WV	24-19-2
(5)-C15	EC523282	Solid Aluminum/C. (Vert. Type) 0.1μF(M) 25WV	24-19-2

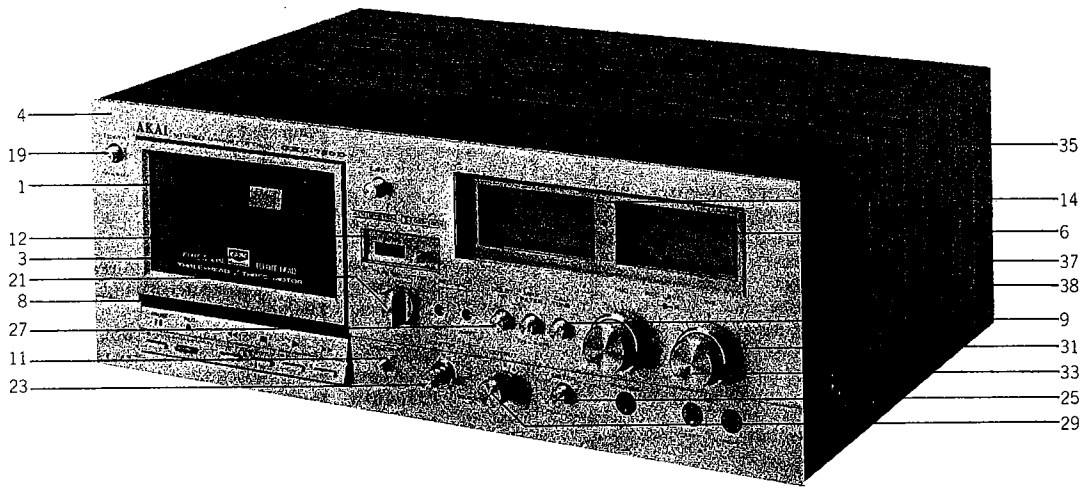
8. ILLUSTRATION OF AMP ASSEMBLY BLOCK



8) AMP ASSEMBLY BLOCK

Ref. No.	Parts No.	Description	Schematic No.
		LAMP P.C BOARD BLOCK	
8-1	EL304025	Lamp (No. 2) 10V 110mA	28-2-66
		DOLBY LAMP P.C BOARD BLOCK	
8-2	ED283138	LED GL-3PG1	45-15-15
		FRONT CHASSIS BLOCK	
8-3	ZS325495	Tapping Screw #2, 3x6 (BR)	
8-4	EM303428	VU Meter KL-250L-11 (SAA, U/T, CSA, AAL, CEE, BEAB)	46-1-169
8-5x	EM302355	VU Meter KL-250L-12 (JPN)	46-1-172
8-6x	EM305451	VU Meter (B) KL-250L-14 (BL)	46-1-191
8-7	ZS421806	Screw, pan head 3x8	
8-8	ZS422076	Screw, pan head 3x5	
8-9	ZW273802	Toothed Lock Washer, M3	
8-10	ZS447840	Tapping Screw #2, 3x8 (BR)	
8-11	EJ300507	4P Pin Jack (B) T-5500-B	31-5-139
8-12x	ZS463353	Tapping Screw #2, 3x8 (BR) (BLACK)	
8-13	SK304023	REC, CAL Knob	CB-6205
8-14x	SK305450	REC, CAL Knob (B) (BL)	CB-6205
		POWER CHASSIS BLOCK	
8-15	EJ304024	Socket, Remo. Con UC-0016	31-1-204
8-16x	ZS355522	Screw, pan head 3x6 (BLACK)	
8-17	ES665807	⚠ Push SW. SDG-5P 5A/80A 250V (U/T, CEE, BEAB)	25-5-182
8-18x	ES293703	⚠ Push SW. SDV1P TV-5 (w/o label) (JPN, SAA, CSA)	25-5-254
8-19x	ES280258	⚠ Push SW. SDV1P TV-5 (w/label) (AAL)	25-5-243
8-20	TC289484	SW. Joint	CM-6015
8-21	EC283375	⚠ MP/C. PME271M547 0.047μF 250WV (U/T)	24-9-118
8-22x	EC551160	⚠ Ceramic/C. DB821 NA 0.01μF(Z) 1.4kWV (JPN, SAA)	24-5-55
8-23x	EC286198	⚠ Ceramic/C. AL-10 0.01μF(Z) 125WV (CSA, AAL)	24-5-69
8-24x	ES517410	Push SW. SPJ-10101	25-5-76
8-25	ZS460440	Screw, pan head 2x4	
8-26	BK304157	Operate Button Block Comp.	25-5-267
8-27x	BK305447	Operate Button Block Comp. (B) (BL)	25-5-280
8-28	ZG580533	Clamp Spring	TD-2046
8-29	ZW550642	Washer (SPC) D3.1x8x0.5t	
8-30	ZS201060	Screw, truss head 3x12 (Black)	
8-31	ZS304022	S-tight Screw, 4x6 (Pan)	
8-32	BT303989	⚠ Power Trans. CBT-35 (U/T, CEE)	38-4-534
8-33x	BT302631	⚠ Power Trans. CBT-32 (JPN)	38-4-528
8-34x	BT302633	⚠ Power Trans. CBT-34 (CSA, AAL)	38-4-532
8-35x	BT303988	⚠ Power Trans. CBT-31 (SAA)	38-4-526
8-36	ZS301576	S-tight Screw, 4x10 (Pan)	
8-37x	EZ631945	Strain Relief SR-4N-4 (JPN, CSA, AAL)	2-7-49
8-38x	EZ246936	Strain Relief SR-6W-1 (SAA)	2-7-8
8-39x	EW524845	⚠ AC Cord 2.5M (JPN)	26-3-31
8-40x	EW207742	⚠ AC Cord CUL (CSA, AAL)	26-3-45
8-41x	EW699827	⚠ AC Cord SAA VM-0118 (SAA)	26-3-39
8-42	EJ301513	⚠ 2P Inlet (U/T, CEE)	31-1-200
8-43	ES301510	⚠ Slide SW. (B) (U/T, CEE)	25-3-143
8-44	EF258344	⚠ Fuse (SEMKO T Type) 800 mAT (U/T, CEE)	39-1-53
8-45	EF593706	⚠ Fuse (SEMKO T Type) 500 mAT (U/T, CEE)	39-1-53
8-46	EF668474	⚠ Fuse (SEMKO T Type) 400 mAT (U/T, CEE)	39-1-53
8-47	EF623103	⚠ Fuse (SEMKO T Type) 1AT (U/T, CEE)	39-1-53
8-48x	EF563681	⚠ Fuse 1A 250V (JPN, SAA)	39-1-50
8-49x	EF563681	⚠ Fuse 1A 250V (JPN, SAA)	39-1-50
8-50x	EF511637	⚠ Fuse ULMF61M 250V 1A (CSA, AAL)	39-1-45
8-51x	EF511637	⚠ Fuse ULMF61M 250V 1A (CSA, AAL)	39-1-45
		ASSEMBLY BLOCK	
8-52	SK301153	Memory Cap (C)	CA-6010
8-53x	SK305448	Memory Cap (D) (BL)	CA-6010
8-54	SP303968	Rear Panel (E) (U/T, CEE)	CB-6211
8-55	SP303961	Bottom Plate	CB-6207
8-56	SA301770	Tran Leg (J)	2-6-18
8-57	ZS304022	Tapping Screw #3, 4x6 (Pan)	
8-58	EV303984	Vol. VM10R 10k (B)	36-6-32
8-59	EV303987	Double axial 2 throw Vol. DM20R 100k(A)x2	36-18-7
8-60	ES303985	Rotary Slide SW. SRZ-V104S	25-6-115
8-61	ES303986	Push SW. SUE-33	25-5-265
8-62	EJ304018	Headphone Jack HLJ0213-01-2	31-2-84
8-63	EJ304019	Mic. Jack HLJ0264-01-030	31-2-85
8-64	ES303981	Push SW. SUE-12	25-5-266
8-65	ES691424	Lever SW. SLK04251	25-12-26

9. PHOTO OF FINAL ASSEMBLY BLOCK



9) FINAL ASSEMBLY BLOCK

Ref. No.	Parts No.	Description	Schematic No.
	LID PANEL BLOCK		
9-1	BD303610	Lid Panel Block Comp. GXC-750D	CB-9810
9-2x	BD305964	Lid Panel Block Comp. GXC-750D-BL	CB-9810
9-3	SM518310	Name Plate (GX) (B)	CG-6411
	FRONT PANEL BLOCK		
9-4	BD303496	Front Panel Block Comp. GXC-750D	
9-5x	BD305342	Front Panel Block Comp. GXC-750D-BL	
9-6	SZ303956	Meter Cover	CB-6214
9-7x	ZS455207	Tapping Screw #2, 3x5 (BR)	
9-8	SE303959	Escutcheon	CB-6203
9-9	SE303945	Button Escutcheon	CB-6204
9-10x	SE305438	Button Escutcheon (B) (BL)	CB-6204
9-11	SE286885	SW. Escutcheon (B)	CM-6016
9-12	SE303938	Counter Escutcheon	CB-6213
9-13x	SE305439	Counter Escutcheon (B) (BL)	CB-6213
	FINAL ASSEMBLY BLOCK		
9-14	TC303955	Meter Escutcheon	CB-2209
9-15x	TC305449	Meter Escutcheon (B) (BL)	CB-2209
9-16x	ZS325495	Tapping Screw #2, 3x6 (BR)	
9-17x	ZW306185	Adjust. Washer (U) D4x13x0.8t	
9-18x	ZS447840	Tapping Screw #2, 3x8 (BR)	
9-19	SK303165	Push Button (A) GXC-709D	CM-6060

Ref. No.	Part No.	Description	Schematic No.
9-20x	SB305160	Push Button (C) GXC-709D-BL	CM-6060
9-21	SK303064	Selector Knob (A), w/screw	CM-6053
9-22x	SK303065	Selector Knob (B), w/screw (BL)	CM-6053
9-23	ES691323	Tape SW. (1) GXC-570D	CI-6028
9-24x	ES228960	Tape SW. (1-A) TV (BL)	CI-6028
9-25	SK300102	Push Button Knob (L) CM-2	91-5051
9-26x	SK305457	Push Button Knob (P) CM-2 (BL)	91-5051
9-27	SK303166	Push Button (B) Comp. GXC-709D	CM-6060
9-28x	SB304083	Push Button (D) GXC-709D-BL	CM-6060
9-29	SK303940	Vol. Knob GXC-750D	CB-6217
9-30x	SK305444	Vol. Knob (B) GXC-750D-BL	CB-6217
9-31	SK303098	Double Knob (Lower) (A)	CM-6055
9-32x	SK303097	Double Knob (Lower) (B) (BL)	CM-6055
9-33	SK303094	Double Knob (Upper) (A)	CM-6054
9-34x	SK303093	Double Knob (Upper) (B) (BL)	CM-6054
9-35	BC303960	Wood Frame	CB-6212
9-36x	BC305452	Wood Frame (B) (BL)	CB-6212
9-37	ZW548010	Spot Facing Washer	MU-6028
9-38	ZS304021	S-tight Screw, 4x12 (Bind)	
9-39x	SP303968	Rear Panel (E) (U/T, CEE)	CB-6211
9-40x	SP303964	Rear Panel (A) (JPN)	CB-6209
9-41x	SP303966	Rear Panel (C) (CSA)	CB-6210
9-42x	SP303967	Rear Panel (D) (AAL)	CB-6210
9-43x	SP303965	Rear Panel (B) (SAA)	CB-6209
9-44x	ZS447761	Tapping Screw #2, 3x6 (BR) (Black)	
9-45x	EW302899	Cord Set U/T Type 2 (U/T)	26-3-60

When ordering parts, please describe Parts Number, Description, and Model Number in detail.

10. LIST OF INTERCHANGEABLE SEMICONDUCTORS

If, while servicing, the original parts cannot be obtained, the interchangeable parts listed below can be substituted.

Original Parts			Interchangeable Parts	
Description	Parts No.	Utilizing P.C Board	Description	Parts No.
2SA733 (P) (Q)	ET554657	CB-5203	2SA564 (Q) (R)	ET538154
2A906 (H)	ET304180	CB-5201A		
2SB525 (E1)	ET302540	CB-5207		
2SB605 (K) (L)	ET666415	CB-5202 CB-5203		
2SC458LG (D)	ET352146	CB-5201A	2SC693U (F) (G) 2SC1312S (G) (H)	ET429647 ET603257
2SC536 (E)	ET361923	CB-5202	2SC945L (K) (P) (Q) (R)	ET635218
2SC711 (G)	ET399870	CB-5202	2SC536 (G) (H) 2SC1647 (S) (E) (U)	ET403391 ET601312
2SC711 (G) (H)	ET563905	CB-5203 CB-5202		
2SC711 (G) (F)	ET398777	CB-5202		
2SC711 (F) (G) (H)	ET621268	CB-5202		
2SC711 (H)	ET429748	CB-5202	2SC1344 (E) 2SC1647 (E) (U)	ET539853 ET619762
2SC945L (P)	ET638504	CB-5207	2SC711 (E) (F) (G) (H)	ET619727
2SC945L (K) (P)	ET635220	CB-5202	2SC1641 (R) (S)	ET621224
2SC945L (Q) (P)	ET639437	CB-5201A	2SC536 (F) (G) (H)	ET632215
2SC1312R (H)	ET539864	CB-5207 CB-5201A	2SC458LG (C) (D)	ET391768
2SC1312S (H)	ET242684	CB-5202	2SC458LG (C) (D)	ET391768
2SC2002 (K)	ET304181	CB-5201A		
2SD355 (E1)	ET302538	CB-5207		
2SD355 (D2) (E1)	ET302300	CB-5202		
2SD439 (F)	ET304167	CB-5203		
2SD571 (L) (M)	ET655356	CB-5201A	2SD313 (E) (F)	ET452531
2SK68A (L) (M)	ET669633	CB-5201A	2SK117 (G) (R)	ET303697
CR-713B	EI301463	CB-5201A		
TA-7139P	EI302623	CB-5201A		
TA-7140P	EI304190	CB-5201A		
TC-4011P	EI404657	CB-5202		
MB400/7400	EI304165	CB-5202	SN7400N	EI633982
μPC1023H	EI669666	CB-5207		
μA78M05CKC	EI304173	CB-5203		
μA7824CKC	EI304174	CB-5203		
1S2473 1S2473VE	ED624903 ED560913	CB-5202 CB-5201A CB-5202 CB-5203 CB-5207	1S1588 WG599	ED557447 ED514721
1N34A	ED219464	CB-5201A CB-5202 CB-5203	1S188AM 1S188FM-1 1N60	ED562386 ED562397 ED428264

Original Parts			Interchangeable Parts	
Description	Parts No.	Utilizing P.C Board	Description	Parts No.
RD-3E (B)	ED304656	CB-5201A		
RD-13E (B) (C)	ED304247	CB-5203		
RD-16E (B) (C)	ED304246	CB-5202		
10D1	ED224526	CB-5203	GP08B	ED302640
WZ-210	ED557111	CB-5201A		
SIQB20 0.6A 200 (RED)	ED249581	CB-5203	SIQB10 0.6A 100V (BLK)	ED284095
SIRBA20 200V (RED)	ED304658	CB-5203		
GL-3PG1	ED283138	CB-5201B		

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Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.
BA303612	6-46	ED304246	(2)-D20	EJ304019	8-63	ET563905	(3)-TR3	SB305160	9-20x
BA304034	(3)-1	ED304247	(3)-D8	EJ304024	8-15	ET563905	(3)-TR6	SE286885	9-11
BA304035	(3)-2	ED304656	(1)-D3,4	EJ304317	(2)-7	ET621268	(2)-TR21,22	SE303938	9-12
BA304036	(5)-1	ED304658	(3)-D2	EL304025	5-1	ET635220	(2)-TR2	SE303945	9-9
BA304037	(2)-1	ED305239	(5)-D7	EL304025	8-1	ET638504	(5)-TR1to3	SE303959	9-8
BA304069	(1)-1	ED417442	(1)-D1,2	EM302355	8-5x	ET638504	(5)-TR6	SE305438	9-10x
BC303960	9-35	ED557111	(1)-D9	EM303428	8-4	ET638504	(5)-TR10	SE305439	9-13x
BC305452	9-36x	ED560913	(1)-D5to8	EM305451	8-6x	ET639437	(1)-TR6to9	SK300102	9-25
BD303496	9-4	ED560913	(1)-D10to12	EO301711	(1)-L3	ET639437	(1)-TR12	SK301153	8-52
BD303610	9-1	ED560913	(2)-D3	EO301711	(1)-L5	ET655356	(1)-TR11	SK303064	9-21
BD305342	9-5x	ED560913	(2)-D6	EO346230	(1)-VL1	ET666415	(2)-TR6	SK303065	9-22x
BD305964	9-2x	ED560913	(2)-D10to19	EO383365	(1)-T1	ET666415	(2)-TR10	SK303093	9-34x
BF302647	6-40	ED560913	(2)-D21to23	EO663748	(1)-L4	ET666415	(3)-TR1	SK303094	9-33
BF302648	6-42	ED560913	(2)-D29	EO669273	(4)-L1to4	ET669633	(2)-TR5	SK303097	9-32x
BH302650	2-1x	ED560913	(2)-D33,34	EO692741	(1)-VL2	ET669633	(5)-TR9	SK303098	9-31
BK304157	8-26	ED560913	(2)-D39to46	EP302445	6-33	EV269572	(1)-VR6	SK303165	6-2
BK305447	8-27x	ED560913	(2)-D48	EP302690	6-6	EV269572	(1)-VR8	SK303165	9-19
BM302507	3-1	ED560913	(2)-D50	ER265004	(2)-R24	EV303982	(5)-VR3	SK303166	9-27
BM303321	6-9	ED560913	(2)-D52	ER265048	(1)-R113	EV303984	(1)-VR3	SK303940	9-29
BT302631	8-33x	ED560913	(2)-D55	ER283105	(1)-FL3	EV303984	8-58	SK304023	8-13
BT302633	8-34x	ED560913	(2)-D58	ER300433	(1)-FL1,2	EV303987	(1)-VR4,5	SK305160	6-3x
BT303988	8-35x	ED560913	(2)-D60,61	ER301441	(1)-R114	EV303987	8-59	SK305444	9-30x
BT303989	8-32	ED560913	(2)-D63	ER301441	(2)-R25	EV464220	(5)-VR1,2	SK305448	8-53x
BZ302234	4-1x	ED560913	(2)-D65	ER301469	(1)-R89	EV484863	(1)-VR7	SK305450	8-14x
EA669510	2-23	ED560913	(2)-D67,68	ER304175	(3)-R4	EV499882	(1)-VR9,10	SK305457	9-26x
EC283375	8-21	ED560913	(2)-D70,71	ER304176	(3)-R11	EV520806	(1)-VR1	SM518310	9-3
EC286198	8-23x	ED560913	(2)-D73	ER304221	(1)-R110	EV522797	(1)-VR2	SP303961	8-55
EC304186	(1)-C26	ED560913	(2)-D75	ER304852	(2)-R901	EW207742	8-40x	SP303964	9-40x
EC304186	(1)-C48	ED560913	(2)-D78,79	ER305273	(1)-R112	EW302899	9-45x	SP303965	9-43x
EC304187	(1)-C1	ED560913	(3)-D5,6	ER624756	(2)-R26	EW524845	8-39x	SP303966	9-41x
EC304188	(1)-C5	ED560913	(3)-D9	ER678576	(1)-R111	EW699827	8-41x	SP303967	9-42x
EC304220	(1)-C104	ED560913	(3)-D11,12	ES228960	9-24x	EZ246936	8-38x	SP303968	8-54
EC304252	(2)-C33,34	ED560913	(5)-D1to6	ES280258	8-19x	EZ304894	6-20	SP303968	9-39x
EC304431	(1)-C33	ED562397	(2)-D1,2	ES293703	8-18x	EZ631945	8-37x	SZ303956	9-6
EC321186	(3)-C7	ED562397	(2)-D8	ES301510	8-43	HE636963	2-3	TC286007	2-22
EC392005	(1)-C80	ED562397	(2)-D37	ES302448	6-26	HP671174	2-13	TC289484	8-20
EC405898	(1)-C31	ED562397	(2)-D47	ES302940	6-22	HZ227103	2-4	TC292285	4-3
EC412593	(1)-C16	ED562397	(2)-D49	ES303981	(5)-SW1	HZ302180	2-12	TC302134	5-8
EC412593	(1)-C82	ED562397	(2)-D51	ES303981	8-64	HZ302181	2-19	TC302135	5-16
EC432810	(1)-C3	ED562397	(2)-D53,54	ES303985	(1)-SW1	HZ302183	2-10	TC302142	4-22
EC434070	(1)-C70	ED562397	(2)-D62	ES303985	8-60	HZ302202	5-34	TC302142	5-29x
EC434070	(1)-C79	ED562397	(2)-D64	ES303986	(1)-SW2to4	HZ302385	2-2	TC302206	5-24
EC450270	(1)-C51	ED562397	(2)-D66	ES303986	8-61	MB282778	6-10	TC302245	4-2
EC476954	(1)-C30	ED562397	(2)-D69	ES305231	6-38	MB302211	5-39	TC302329	6-1
EC493323	(1)-C36	ED562397	(2)-D72	ES517410	8-24x	MB302316	6-43	TC302695	5-40
EC493323	(1)-C46	ED562397	(2)-D74	ES665807	8-17	MC304094	5-37	TC303943	(1)-3
EC513990	(1)-C4	ED562397	(2)-D76	ES691323	9-23	MC305453	5-38x	TC303955	9-14
EC515845	(1)-C31	ED562397	(2)-D80	ES691424	(5)-SW2	MH302312	4-19	TC305449	9-15x
EC515845	(1)-C62	ED624903	(2)-D4,5	ES691424	8-65	MH302446	6-35	TC642148	4-10
EC515845	(1)-C87	ED624903	(2)-D7	ET242684	(2)-TR25	MH644916	4-12	TC645186	4-7
EC522167	(2)-C20	ED624903	(2)-D9	ET302300	(2)-TR7	ML302136	5-18	TC647065	4-6
EC523282	(1)-C27	ED624903	(2)-D24to28	ET302300	(2)-TR13,14	ML302137	5-20	ZG289236	2-7
EC523282	(1)-C49	ED624903	(2)-D30,31	ET302538	(5)-TR4	ML302138	5-21	ZG302182	2-20
EC523282	(2)-C25	ED624903	(2)-D35,36	ET302540	(5)-TR5	ML302139	5-23	ZG302349	5-15
EC523282	(5)-C15	ED624903	(2)-D38	ET304167	(2)-TR12	ML302141	5-26	ZG302350	3-3
EC551160	8-22x	ED624903	(2)-D56,57	ET304167	(3)-TR5	ML302199	5-14	ZG302644	5-17
EC562678	(1)-C10	ED624903	(2)-D77	ET304180	(1)-TR1	ML302208	5-22	ZG305459	4-8
EC565345	(3)-C2	EF258344	8-44	ET304181	(1)-TR13,14	ML302213	6-25	ZG317114	6-37
EC565345	(3)-C4	EF511637	8-50x	ET352146	(1)-TR2,3	ML302216	6-18	ZG387178	6-4
EC572793	(5)-C2	EF511637	8-51x	ET361923	(2)-TR9	ML302246	4-14	ZG394378	5-27
EC601132	(1)-C67	EF563681	8-48x	ET398777	(2)-TR23	ML302402	6-47	ZG445410	5-35
EC604102	(1)-C8	EF563681	8-49x	ET399870	(2)-TR19	ML302653	6-28	ZG465636	2-16
EC604440	(1)-C28	EF593706	8-45	ET399870	(2)-TR26	MP612628	5-9	ZG580533	8-28
EC604440	(1)-C50	EF623103	8-47	ET399870	(2)-TR28,29	MR302309	6-29	ZG580768	6-31
EC604440	(2)-C8	EF668474	8-46	ET429748	(2)-TR5	MR305435	4-15	ZG595506	2-29
EC621257	(1)-C53	EI301463	(1)-IC2,3	ET429748	(2)-TR27	MS302190	5-4	ZG595506	5-25
EC621257	(2)-C10	EI302623	(1)-IC1	ET539864	(1)-TR4	MS302191	5-3	ZS200384	5-28
EC621257	(2)-C21	EI304165	(2)-IC4	ET539864	(1)-TR10	MS595552	4-5	ZS201060	8-30
EC621257	(5)-C5	EI304173	(3)-IC1	ET539864	(5)-TR7,8	MS595563	4-4	ZS300436	2-28
EC637075	(1)-C114	EI304174	(3)-IC2,3	ET554657	(3)-TR2	MT302244	3-2	ZS300626	2-14
EC657066	(1)-C77	EI304190	(1)-IC4	ET554657	(3)-TR4	MT605766	3-4	ZS300626	6-34
EC657966	(3)-C5,6	EI304657	(2)-IC1to3	ET554657	(3)-TR7	MT667912	3-5	ZS301576	8-36
EC662308	(2)-C9	EI304657	(2)-IC5	ET563905	(2)-TR1	MV269965	5-33	ZS302318	6-44
EC662308	(2)-C28	EI669666	(5)-IC1	ET563905	(2)-TR3,4	MV302652	6-16	ZS302425	2-26
ED219464	(3)-D7	EJ281057	(2)-8	ET563905	(2)-TR8	MZ302192	5-7	ZS302510	2-9
ED219464	(3)-D10	EJ300507	8-11	ET563905	(2)-TR11	MZ302311	4-18	ZS302938	3-6
ED224526	(3)-D4	EJ301513	8-42	ET563905	(2)-TR15to18	MZ302320	5-12	ZS304012	9-38
ED249581	(3)-D1	EJ304018	(5)-J1	ET563905	(2)-TR20	MZ302351	5-36	ZS304022	8-31
ED249581	(3)-D3	EJ304018	8-62	ET563905	(2)-TR24	SA301770	8-56	ZS304022	8-57
ED283138	8-2	EJ304019	(5)-J2,3	ET563905	(2)-TR30to36	SB304083	9-28x	ZS323728	4-23

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Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.	Parts No.	Ref. No. & Symbol No.
ZS323728	5-30x	ZS447840	8-10	ZW290283	4-13				
ZS325495	(2)-4	ZS447840	9-18x	ZW290283	5-19				
ZS325495	6-14	ZS455207	9-7x	ZW290283	6-19				
ZS325495	8-3	ZS460440	6-24	ZW302401	6-41				
ZS325495	9-16x	ZS460440	8-25	ZW303680	6-45				
ZS355522	8-16x	ZS463353	8-12x	ZW306185	9-17x				
ZS356804	2-11	ZS465298	6-23	ZW318014	3-8				
ZS375118	2-5	ZS487091	2-18	ZW376402	6-5				
ZS379350	(2)-2	ZS522180	2-8	ZW391397	6-30				
ZS379350	(3)-5	ZS537085	6-27	ZW452395	2-25				
ZS379350	4-21	ZS592378	5-31x	ZW516611	(2)-3				
ZS379350	6-17	ZS592402	4-11	ZW548010	9-37				
ZS414033	4-17	ZS608106	6-21	ZW550642	2-27				
ZS417216	5-6	ZS608174	3-7	ZW550642	4-20				
ZS417216	5-41	ZS608220	6-12	ZW550642	8-29				
ZS417216	6-15	ZS608321	(4)-1	ZW550697	6-11				
ZS417251	5-2	ZS608321	6-36	ZW591265	2-17				
ZS419670	6-39	ZS669104	2-24	ZW699052	2-6				
ZS421806	(3)-4	ZS669104	4-9						
ZS421806	6-32	ZS670004	2-15						
ZS421806	8-7	ZW270088	4-16						
ZS422076	(1)-2	ZW270088	5-11						
ZS422076	(3)-3	ZW270088	6-8						
ZS422076	(5)-2	ZW270101	4-24x						
ZS422076	6-7	ZW270101	5-13						
ZS422076	8-8	ZW273666	2-21						
ZS432843	5-32x	ZW273756	5-5						
ZS444330	6-13	ZW273802	(2)-6						
ZS447761	9-44x	ZW273802	8-9						
ZS447840	(2)-5	ZW282407	5-10						

SECTION 3

SCHEMATIC DIAGRAM

1. GXC-750D NO. 2-1 1560626A
   SYS. CON & POWER SUPPLY SCHEMATIC DIAGRAM
2. GXC-750D NO. 2-2 1560827A AMP SCHEMATIC DIAGRAM

GXC-750D

MOTOR FG SERVO P.C BOARD

CAPSTAN MOTOR

TAPE SPEED ADJ

HOUSING LAMP P.C BOARD CI-5237

LAMP P.C BOARD CB-5205

PRE AMP P.C BOARD

VOLTAGE MEASURED AT STOP MODE
( ) INDICATES VOLTAGE AT PLAY MODE

U/T CRE BEAB

AC INLET

AC 110V to 240V

POWER

POWER SUPPLY P.C BOARD CB-5201

PINTCH ROLLER PLUNGER

OPERATION BLOCK

PAUSE PLUNGER

REC SAFETY

SUPPLY REEL MOTOR

TAKEUP REEL MOTOR

NOISE FILTER P.C BOARD CB-5204

PRE AMP P.C BOARD

PAUSE

REC

PLAY

RWD

STOP

REMOTE

MEMORY

COUNTER

PACK

EJECT

SYS.CON P.C BOARD CB-5202

JPN

POWER SUPPLY P.C BOARD CB-5201

SAA

POWER SUPPLY P.C BOARD CB-5201

CSA AAL

POWER SUPPLY P.C BOARD CB-5201

WARNING: △INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: △IL INDIQU LES COMPOSANTS CRITIQUES DE SUPETE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL, NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT.

2SA733 2SC536 2SC945L

2SC711 2SC1312S

2SD355

2SB605

2SD439

μA78M05CKC μA7824CKC

I : INPUT
C : COMMON
O : OUTPUT

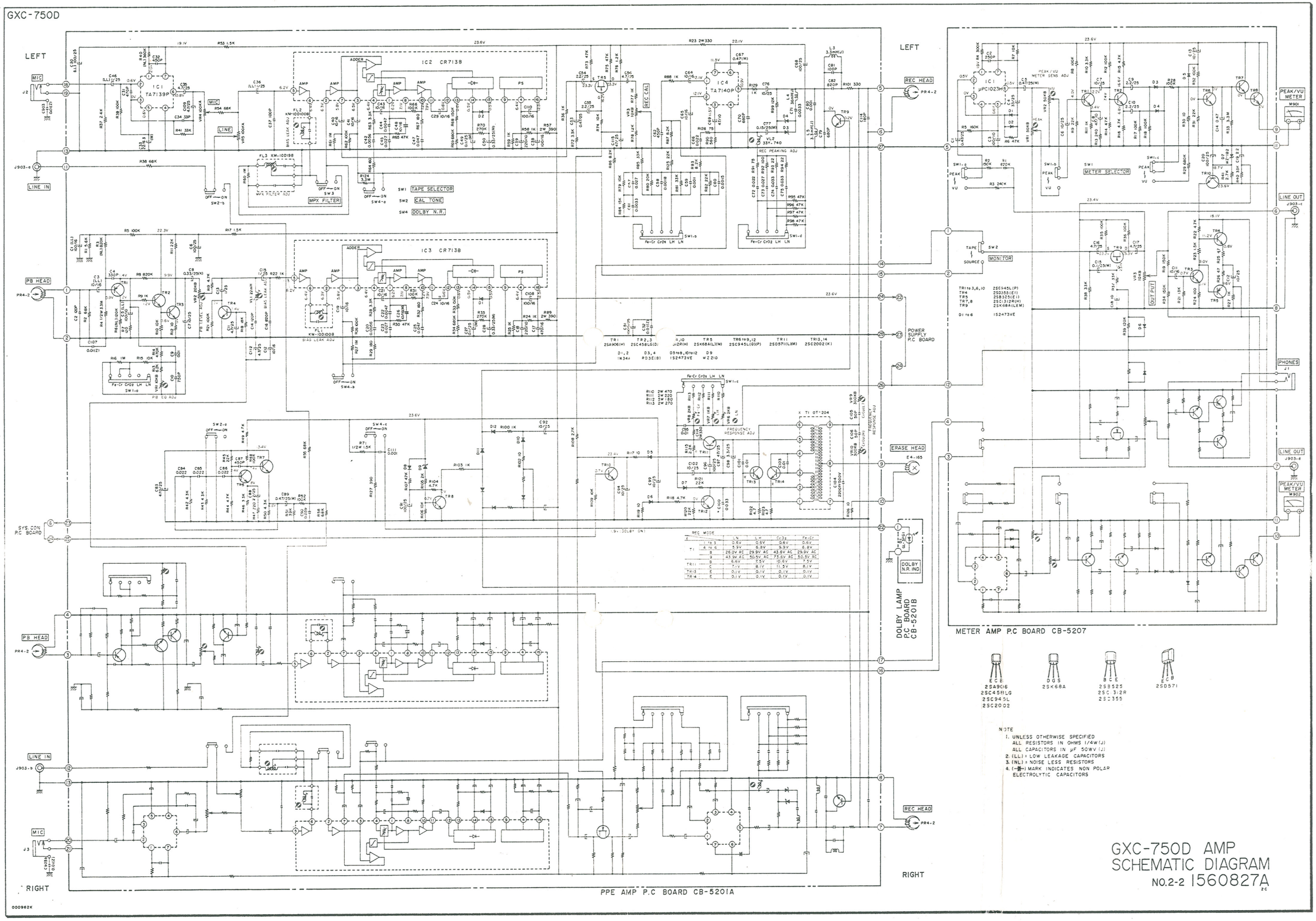
NOTE
1. UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W(J)
ALL CAPACITORS IN μF 50WV(J)
2. (FS) = FAIL SAFE RESISTORS
3. (+|-) MARK INDICATES NON POLAR ELECTROLYTIC CAPACITORS.
4. POWER TRANSFORMER IS DIFFERENT ACCORDING TO AREA.
5. ☆ POWER TRANSFORMER INCLUDES TEMPERATURE FUSE. FUSE CAN NOT BE REPLACED SEPARATELY

VOLTAGE MEASURED AT STOP MODE

0009631

GXC-750D
SYS.CON & POWER SUPPLY SCHEMATIC DIAGRAM
NO. 2-1 1560626A 2C

GXC-750D



2SA906 2SC458LG 2SC945L 2SC2002 — E C B

2SK68A — D G S

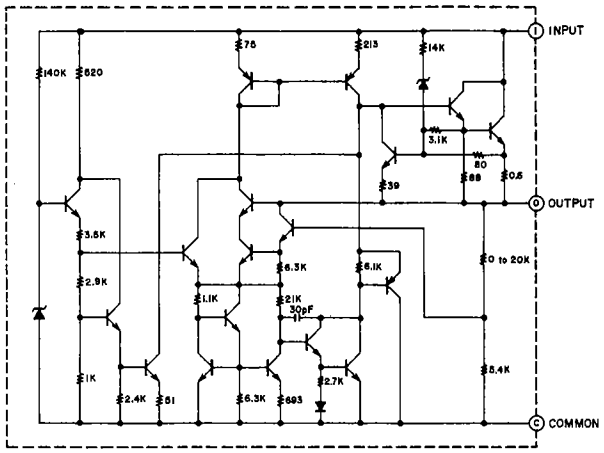
2SB525 2SC 312R 2SC355 — B C E

2SD571 — E C B

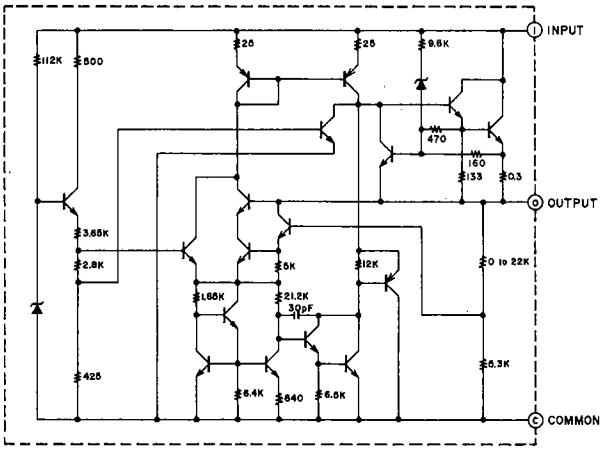
NOTE
1. UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W (J)
ALL CAPACITORS IN μF 50WV (J)
2. (LL) = LOW LEAKAGE CAPACITORS
3. (NL) = NOISE LESS RESISTORS
4. (⊣⊢) MARK INDICATES NON POLAR ELECTROLYTIC CAPACITORS

GXC-750D AMP SCHEMATIC DIAGRAM
NO.2-2 1560827A

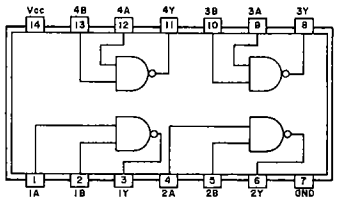
μA78M05CKC

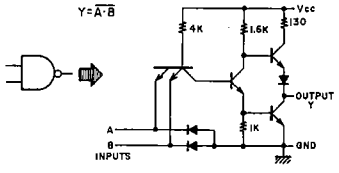


μA7824CKC

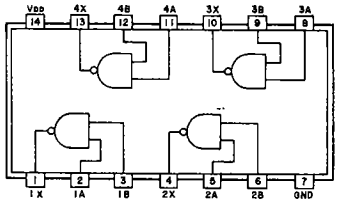


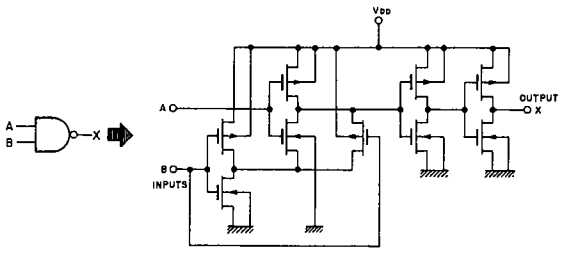
MB400





TC4011P





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